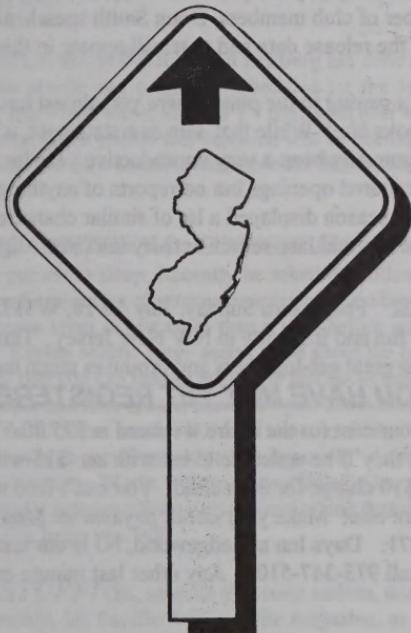


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1999

**Next Stop:
Northwestern New Jersey**



WTFDA CONVENTION TIME!

WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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Original Cover Design: Harry Hayes

FROM THE STAFF:

COMING SOON: The new "WTFDA TV Station Guide" is almost ready for the printer. The original version of this extremely popular publication has been out of print for years, but at the urging of a sizeable number of club members, Doug Smith spearheaded the effort to update the maps and data. News of the release date and cost will appear in this column...VERY SOON!

SKIP? What's skip? It's getting to the point where you almost have to be an old-timer to remember what E-skip looks like! While that's an overstatement, it's not *too far* from the truth. As of mid-June this has generally been a very unproductive year for sporadic Es propagation. There have been a few scattered openings but no reports of anything extraordinary. However, keep in mind that the 1998 season displayed a lot of similar characteristics; and while not a banner year, offered some unusual late-season activity into mid-August. We can only hope!

A MATTER OF DAYS: Friday thru Sunday, July 16-18, WTFDA's annual convention will offer a weekend of food, fun and fraternity in NW New Jersey. This years host Rick Shaftan has a reputation for putting on great get-togethers and promises much more than the usual burger and hot dog menu. **IF YOU HAVE NOT YET REGISTERED, PLEASE DO SO IMMEDIATELY.**

Your cost for the entire weekend is \$25.00. There will be activities for spouses and children and they'll be welcome to eat with us. \$15 will cover expenses for your spouse and there'll be a \$10 charge for each child. You can't feed them any cheaper (for the whole weekend) anywhere else! Make your check payable to: **Mountaintop Media** and mail to Box 578, Sparta, NJ 07871. Days Inn at Ledgewood, NJ is our unofficial headquarters...for availability information call 973-347-5100. Any other last minute questions? E-mail Rick at <shaftan@ptd.net>.

OTHER CONVENTIONS:

NRC: Holiday Inn, Bridgeport WV on Sept 3-6, 1999. Reservations 1-304-842-5411, \$70.95 for two double bed room, no limit on how many in a room. Convention registration - \$35. Host is William Swiger, One Casey Ln, Bridgeport WV 26330, 304-842-4635.

ODXA: "Radio Fest 99"... September 24-26 at the Ramada Inn & Convention Centre, Oakville, Ontario. TV and FM DXers are welcome. Contact the Ramada Inn by telephone (905)849-5950, toll free 1-800-357-0880. Events commence Friday at 7PM. Registration takes place Saturday morning.



WTFDA MAILBOX

P.O. Box 501

Somersville, CT 06072

Mike Bugaj

Ikon@netcom.com

JULY 1999..E-SKIP WHERE ARE YOU?

The month of May, and the first portion of June were disappointing, to say the least. Dxers in the USA as well as in Europe complained about the lack of E skip. So lets not talk about skip...lets talk about something just as important.. First, we have two new members in **Jim Brown** from Arlington, VA and **Forrest Tabor** from Denison, TX. Back in March of 1998 when I first took this over, Jim sent a two-year renewal check that never got cashed and we just got the situation fixed last month.

So, Forrest and Jim, welcome in and welcome back and we are glad to have both of you here!



For renewals this month we have checks from **James Montgomery, George Mileon, James Wallace, Peter George, John Griffiths, James Gill, Eric Sundius, Jim Ayers, Kermit Reid, Owen Wood, John Ebeling, Dan Oglethorpe, David Shapiro, Bob Zent, David Sinclair and Steven Ponder**. Like the little mailbox graphic? I found this in a 1970 VUD, scanned it, scrubbed and cleaned it, and it's good as new.

POPCOMM PRINTS BILL ECKBERG. Bill Eckberg has done an article about TV Dxing for Popular Communications. The article was originally scheduled for the June issue, but so far has not appeared in either the June or July *PopComms*. Bill is a TV dixer with over 44 years of DXing experience. He knows his stuff. Supposedly, some photos Bill supplied will be included in this article, so I would recommend that everyone check out their favorite bookstore for this article on TV DXing by one of our senior members.

WEATHERPROOFING ANTENNA CONNECTIONS. Dr. Bill Mitchell is an anesthesiologist who doesn't put me to sleep. Recently he asked the following: "A thought for a future issue of the VUD: effective weatherproofing of antenna connections. Having wet extremes of weather here in Columbus, OH, few measures seem to last more than a year before corrosion creeps into the lead-in/antenna terminal interface. Krylon acrylic spray seems to be about the best although not 100% of the time." Well, knowing full well that you can find an answer to just about anything on the internet, I posed this question to the amfmdvdx list and here are the answers I got. From **Karl Zuk**: "I use good old RTV silicon. Use clear only. Never fails." From another DXer: "I use coax seal...it is a tape like tar material that works great even in our weather which goes from -40 to 100 degrees F." And from **Alan Dunn**: "Coax Seal from Radio Shack. It is a flexible putty. Works well and costs little." Now that they mention Coax Seal, I remember working with a friend's antenna a few years ago and taking that stuff off his antenna terminals. It is neat stuff for sure. Hope this helps you Bill.

MORE GREAT FREE STUFF! OK, satellite television addicts, this is for you! Bob Cooper sent us two copies of *Satfacts Monthly*, his Pacific/Asia satellite magazine, as well as one copy of *Coop's Technology Digest*, a report on the world of satellite communications. The first three people who want one get one. Specify what you want. First come, first serve. These are absolutely great and if I could afford to subscribe to them, I would. Here is just a sample from *Technology Digest*: "First digital TV sets going into US consumer homes are not without fault. Mitsubishi switchable 4:3/ 16:9 sets are reported to have major fringing (edges accentuated) after being used for several hours. Sony 34" digital sets apparently shut down totally when told to switch from digital to analogue or the return, must be powered down and restarted. Midwestern USA retailer told trade press "It's been very bumpy for everybody and there have been problems across the board. But, manufacturers are addressing them." Other problems - retailers demonstrating DTV sets have found they must (as in MUST!) install quality rooftop aerials to get clean enough signal for DTV sets to perform. One retailer who had done this told trade press, "there has been

a great deal of aerial, transmission line, signal splitter tweaking to make it work. And even then it does not always work as it should." Equal or greater problems - consumers purchasing DTV sets are very unlikely to haul them home and make them work. "We are finding that we must almost insist they agree to retrofit their existing rooftop aerial if they want DTV reception to be as good as it can be under the correct circumstances." " Hmm, does this signal a return of TV antennas to Wal-Mart and K-Mart??

THERE'S NO LOAD LIKE OVERLOAD. Last month, in this very spot, we listed some equipment Bill Nollman had for sale. Steve Solomon adds a few details: "I don't know if you are aware of the whole story behind Bill Nollman's search for the perfect tuner for his house. I brought my T-85 to his house and we matched it up against I believe four or five of his tuners, including the Yamaha T-900U (a fantastic unit), the Carver TX-11A (Bill's original), the Onkyo T-9090, and I don't remember the other one. Anyway, while they were all great with sensitivity, my T-85 outperformed all the others with overload rejection! So Bill went out and found one on the internet. He modified the five IF filters and is having great success." For those people plagued by strong locals and lots of overload, the Yamaha T-85 seems to be the solution to the problem. It's a tough looking tuner. However, it has the most bizarre signal meter I have ever seen, and if you can get past the signal meter, you'll like the T-85.

BOSS RADIO. In correspondence with Alan Dunn, somehow the call letters WBOS came up, which prompted Alan to relate this amazing tale: "Thirty years ago I used to hang around with one of the transmitter engineers at WBOS. In fact, I would substitute for him occasionally so he could attend night school. Back then (maybe now) a station would have to have its frequency measurements correlated with some very accurate standard. Cambridge Thermionic in Cambridge, MA across the river from Boston is one company that did this. One night they called the WBOS transmitter and asked if WBOS would be dropping carrier after the 2am signoff. WBOS said yes, but wondered why Cambridge Thermionic would need to know this. They apparently had the contract to monitor the frequency of the Wilkes-Barre station (from Cambridge, no less). They stated they could not hear audio, but could get enough signal to do the frequency measurement. And they did this every month. As a Dixer, that blew my mind." I think we need to bring in Mulder and Scully for this one. You know, I can hear WMGS sometimes, but not daily. And we get these deadband conditions here in the winter when I can't even hear New York City. So how did Cambridge Thermionics do it? Hmmm?

RDS IN THE USA. Here is part of a post that appeared on amfmtdx from a Dixer living in Florida, originally from the St. Louis area. If you wondered if US stations used RDS, read on: "Out of 24 strong semi-local stations I get on my Grundig Satellit 700 portable, which has RDS, only 5 of them are received using RDS. Of these, WOMX-105.1 Orlando indicates "MIX 105.1" instead of its call, WTBT-103.5 Bradenton-Tampa still indicates its former call WDUV, which is now WDDV-92.1 Venice-Bradenton "The Dove"...WFLZ Tampa indicates "93.3 FLZ...WJRR-101.1 Cocoa Beach and WAOA-107.1 Melbourne both indicate their calls, the latter has voice unID as "A1A". When living in the St. Louis area the number of RDS'ers was either 5 or 6, among about two dozen strong locals there, with one, KXOK-97.1 indicating their non-ID "MIX 97.1" instead of their call. If only more stations would start using RDS, use it for call ID and better yet use it to indicate title and artist of songs being played as this develops, radio may turn out to be more fun in the future."



Lester's family could not understand his total obsession with the #WTFDXA IRC channel.

AUSTRALIAN DIGITAL NEWS. Found a post on the FM/TV/DX Weblist by Robert Copeman that says HSV 7 in Melbourne is using ch6 for digital tests, TCN 9 in Sydney is planning on using ch8 for digital tests from June 14 of this year until late August. Most major capitol cities will switch from ch2 to ch12 DTV, ch7 to ch6 DTV, ch9 to ch8 DTV and ch10 to Ch11 DTV.. He also says: "The digital signal appears as a darker form of white noise and completely blocks other possible analog DX signals on that frequency." And where have we heard that before? Right here! See you all next month! -Mike

Next Stop: Northwestern New Jersey



**The 1999 WTFDA
Convention will be held
in northwest New Jersey.
All calendars in your home
should be highlighted for
July 16-18, 1999.
MARK YOUR
CALENDARS
NOW!!**



**WHERE
to sleep**

**The recommended lodging facility is:
Days Inn/Ledgewood, 1691 Route 46 West, Ledgewood, NJ 07852
Tel. 973-448-1100
You can also book lodging by credit card at any of the major
reservations secure websites.**



**HOW MUCH
does it cost??**

**Lodging at the Days Inn/Ledgewood begins at \$69.00 plus tax.
This is NOT a special club discount.
Convention registration is \$25.00. This includes food, beer, soda,
soda, more soda (and more food).
All convention registration payments MUST be made to
Mountaintop Media.**



**WHO TO
talk to**

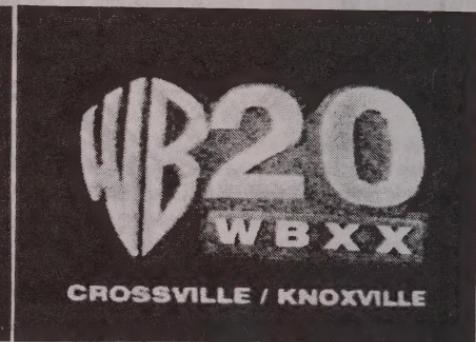
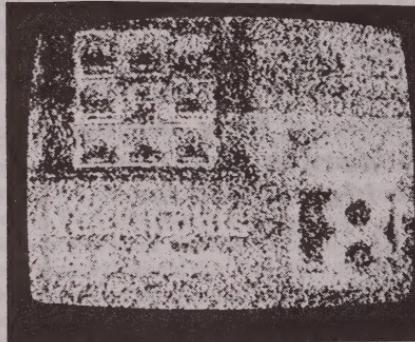
**TO PRE-REGISTER:
E-mail Rick Shaftan at shaftan@ptd.net, or, If you don't have e-mail
access, his mailing address is: Box 578 Sparta NJ 07871
You can also contact Rick at either address for further information.
REMEMBER, when making payments for the convention, be sure
checks and money orders are paid to Mountaintop Media.**

PHOTO-NEWS

Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

July 1999

Some excellent tropo was logged by Danny Oglethorpe, Shreveport, LA, last fall. Take a look!



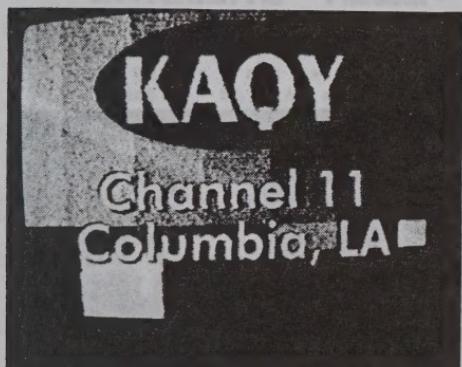
WKBT-8 La Crosse, WI
801 mi Tr seen 10/10/98
@0450 CT
"what a catch!" -JK

WBXX-20 Crossville, TN
557 mi Tr seen 11/15/98
@2300 CT



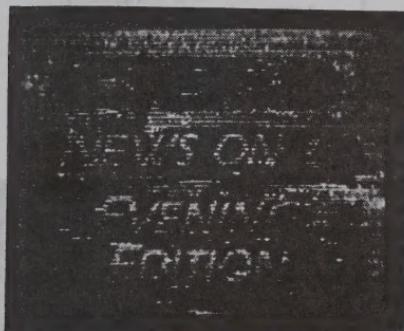
WWTO-35 La Salle, IL
669 mi Tr seen 11/16/98
@0200 CT

WTCT-27 Marion, IL
459 mi Tr seen 11/16/98
@0900 CT



KAQY-11 Columbia, LA
101 mi Tr seen 10/98

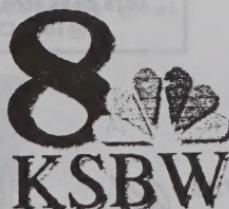
And finally we wrap up Danny's photos with a look at last summer's E-skip catches:



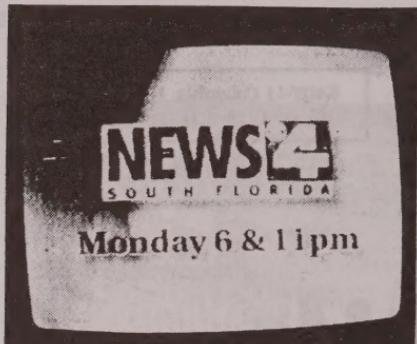
CHRO-5 Pembroke, ON
1287 mi Es seen 6/1/98
@ 1700 CT
"6 PM nxcast"



CKCO-2 Wiarton, ON
1103 mi Es seen 8/6/98
@1335 CT
"CKCO/CTV nx promo"



More 4's for the 4th!!



WFOR-4 Miami, FL
939 mi Es seen 7/31/98
@1350 CT



WCIV-4 Charleston, SC
805 mi Es seen 8/6/98
@1000 CT
"CCI from WFOR-4"



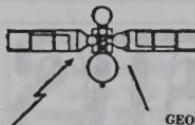
KXJB-4 Valley City, ND
1028 mi Es seen 8/4/98
@1029 CT

KCNC-4 Denver, CO
806 mi Es seen 8/3/98
@1815 CT

73's,
JH
8



SATELLITE NEWS



GEORGE W JENSEN
4604 ANNNTANA AVE
BALTIMORE MD 21206-4220

Sometimes the more things change, the MORE they change. The Galaxy 1 and Satcom 4 digital line-ups that changed recently - changed again almost as soon as the postmark was put on my last column. Here comes another list of changes.

Satcom C1 -

- 9 - now only Fox Sports Midwest VC2
- 10 - Satellite Sports Network Extra 2 VC2 - now here
- 15 - delete Sports Channel Florida

GALAXY 1

- 112 - HBO Comedy East 114 - HBO Comedy West
- 115 - HBO Zone East 117 - HBO Zone west
- 150 - Starz East 151 - Starz West 152 - Starz 2 East
- 153 - Starz 2 West 154 - BET Movies east 156 - Starz Family East 158 - Starz Cinema East 159 - Starz Cinema West 165 - Encore east 166 - Encore West 167 - Westerns East 168 - Westerns West 169 - Love Stories east
- 170 - Love Stories West 171 - Mysteries east 172 - Mysteries West 173 - Action East 174 - Action - West
- 175 - True Stories East 176 - True Stories West
- 177 - WAM East

SATMEX 5 -

all digital services on Solidaridad 1 have now moved to this bird - 750 through 759 - only ID tent is music videos on 751 765 through 776 - 766 - Mexican Senate noted - 770 - V TV(Ventas for TV)? 774 - Color bars 780 through 793 remains the educational services

TELSTAR 5

- 11 - delete Exxxtasy
- 14 - delete True Blue

TELSTAR 7

LOTS of CBS feeds appearing on this bird and others seem to be disappearing from Galaxy 6.

GALAXY 7

10 - Shop-At-Home

22 - delete CBS News Channel

GALAXY 7 KU - using the generic designator KF the following changes are noted -

- 181 - Discovery Home 200 - Americas Voice 223 - ZDTV
- 226 - The Weather Channel Weather Scan 242 - Golf Channel
- 246 - Game Show Channel 253 - TV Land 308 - Toon Disney
- 404 - Spice 2 412 - BET On Jazz 413 - Sundance Channel West delete 414 up to 440453 - ESPN Classics 483 - Much Music

TELSTAR 402

4 - delete Shop-At-Home 5 - True Blue VC2

17 Exxxtasy VC2

PANAMSAT 5

some digital channels on this bird - Warner Channel and Sony Entertainment Channel are in Portuguese
Sympathies to Mexican readers on the untimely death of Paco Stanley - one of the founders of TV Azteca and a great entertainer.

That's all for this time - see you in 30

George

NICKELODEON

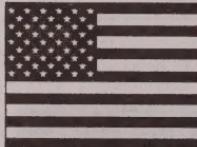
FMNEWS

JULY 1999

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Most of the information appearing in this column is courtesy of:
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KEY TO ABBREVIATIONS:		
&: satellite programming	GX: granted replacement of expired permit	PG: power change granted (">" for increase, "<" for decrease, when known)
AF: New frequency allocation accepted for filing for a new FM license	LC: license to cover filed (means station is ready to come on air)	QC: frequency change occurred
AFA: American Family Association	MC: multiple-city legal ID	QG: frequency change granted
CC: call letter change	NC: no change yet on a reported change/permit	RA: silent station returns to air
CL: city of license change	ND: non-directional antenna	RE: station requests extension on permit
CX: a construction permit has been canceled	NO: not on the air	RX: station requests replacement of expired permit
C1,C2,etc: a change in status to that FM license class	NS: new station granted	SG: slogan change or update
DA: directional antenna	NW: new station signs on	SI: station is silent
DE: station has been deleted	OSA: one-step application	XA: dismissed amendment to FM allocations
FC: format change	PA: proposed amendment to change FM table of allocation	XC: transmitter site change occurred
GA: granted amendment to the table of FM allocations	PC: power change on the air for increase, "<" for decrease, when known)	XG: transmitter site change granted
GE: granted extension of construction permit		



UNITED STATES

ALABAMA:

Dothan: WESP 102.5 PG> 16.5 kW, 403 ft, XG: 31-15-48 / 85-18-24
E.Brewton: WGCX 95.7GA: to Navarre, FL, class C3
Eutaw: WQZZ 104.3 FC to R&B oldies

ALASKA:

Anchorage: KASH 107.5 adds Nashville Nights
Anchorage: KYMG 98.9 adds Delilah
Houston: KADX 94.7 NW, sports // KAXX
Juneau: KAKZ 102.7 inc. to -417 ft, XG: 58-17-09 / 134-25-40
Kasilof: KWJG 91.5 NW, oldies & variety
King Cove: *NS 88.1 100w(v), -554 ft, DA
Valdez: KVAK 93.3 NW, hot AC and classic rock (&)

ARIZONA:

Casa Grande: KLVA 105.5 XG: 33-00-14 / 111-58-53
Congress: *** 96.3 PA: add class A
Douglas: KEAL 95.3 FC to WW1 adult rock (&) Flagstaff: KNAU 88.7 inc. to 1447 ft, XG: 34-58-07 / 111-30-24
Flagstaff: *** 103.7 PA: add C2
Florence: KCDX 103.1 PG< 2.7 kW, 3057 ft, ND, XG: 33-17-55 / 110-50-28
Mountaineaire: *** 106.5PA: add class A
Oracle: KGMG 106.3 CC (ex KIXD) "Mega"
Sedona: KQST 102.9 FC to CHR "Q 102.9"
Winona: *** 96.3 PA: add C3

ARKANSAS:

Atkins: KRRD 99.3 NW, classic rock (Sept.)
Fordyce: KQEW 102.3 OSA to C3, 25 kW, 328 ft, DA, XG: 33-57-49 / 92-29-09
Harrisburg: KKEY 95.9 NW, oldies
Monticello: KHBW 93.5 PA: to 93.7 - C2
Mountain Home: KKTZ 107.5 PG< 90 kW, 1017 ft, XG: 36-29-13 / 92-29-39

CALIFORNIA:

Atwater: KJMQ 92.5 CC (ex KVRQ) "Jammin"
Auburn: KYHL 101.1 FC to rhythmic oldies
Beaumont: KAEH 100.9 PG> 1.5 kW, 478 ft, XG: 33-54-29 / 116-59-45
Bishop: *NS 88.5 900w, 2916 ft, DA
Carmel Valley: *** 105.9 PA: add class A
Cloverdale: *** 102.7 PA: add class A
Concord: KVHS 90.5 XG: 38-01-49 / 122-00-03
Davis: KHZZ 104.3 PC> 6kW, 328 ft.
Easton: *** 107.9 PA: add class A

**91.7
88.7
FM Knau**
Northern Arizona Public Radio

California:

E.Porterville: KMQA 100.5 CC (ex KOJJ) "La Maquina Musical"
 Hamilton City: *** 101.7 PA: add class A
 Hanford: KGEN 94.5 inc. to 446 ft.
 Herlong: *** 104.1 PA: add class C2
 Inglewood: KACE 103.9 PC> 4.1 kW
 Lenwood: KIXW 107.3 PG< 1 kW, 781 ft,
 XG: 34-58-15 / 117-02-22
 Lost Hills: *** 105.7 PA: add class A
 Maricopa: *** 94.9 PA: add class A
 Merced: KABX 97.5 PG< 8 kW, 1161 ft,
 XG: 37-26-44 / 120-08-37
 Mettler: *** 98.9 PA: add class A
 Modesto: KJSN 102.3 dec. to 289 ft, XG: 37-40-50
 / 120-55-26
 Point Reyes Stn: KWMR 90.5 LC
 San Fran: KEAR 106.9 dec. to 1000 ft,
 XG: 37-51-04 / 122-29-50
 Santa Margarita: KKAL 106.1 FC to Real Country
 (&) (San Luis Obispo)
 Summit City: *** 92.1 PA: add class A

**COLORADO:**

Del Norte: *** 96.3 PA: add class A
 Delta: KKNN 95.1 FC to rock "95 Rock"
 Dinosaur: *** 97.3 PA: add class C1
 Dove Creek: *** 102.5 PA: add class C3
 Durango: KIQX 101.3 OSA to 30 kW, 2014 ft,
 XG: 37-21-46 / 107-47-37
 Durango: KRSJ 100.5 OSA to class C, 30 kW,
 1965 ft, XG: 37-21-46 / 10747-37
 Florence: K216EF 91.1 NS-14w: KCME 88.7
 Greeley: KVOD 92.5 FC to rhythmic oldies
 (Denver)
 Poncha Spgs: *** 97.5 PA: add class A
 Pueblo West: KYZX 103.9 QC from 104.5, PC<
 1750w, 2158 ft, XG: 38-44-40 / 104-51-41, CL
 change from Pueblo
 Rangely: *** 103.7 PA: add class C1
 Silverton: KBNG 103.7 CC (NS)
 Starkville: *NS 91.1 AF
 Telluride: KRYD 104.9 OSA to C1, 25.5 kW, 1643
 ft, XG: 37-59-57 / 107-57-42
 Vail: KSKE 104.7 dec to 335 ft.

CONNECTICUT:

Storrs: WHUS 91.7 dec. to 1028w(h), 4.4 kW
 (v), 492 ft, DA

FLORIDA:

Century: WPFL 105.1 RA with oldies (&)
 Cross City: *** 97.7 XA: add class A
 Dade City: WMGG 96.1 CC (ex WBDN) "La Mega"
 Havana: WHTF 104.9 FC to CHR "Hot 104.9", CC
 (ex WFLV) (Tallahassee)
 Kissimmee: WWKQ 89.1 XG: 28-10-27 / 81-17-01
 Melbourne: WCIF 106.3 PC> 12.5 kW, 446 ft.

Florida:

Monticello: WVHT 105.7 CC (ex WTAL-FM), FC to
 urban "Hot 105.7" (Tallahassee) "Very Hot"
 Sarasota: WCTQ 106.5 PC> 13 kW, 584 ft, DA, C2,
 XC: 27-32-42 / 82-34-27
 Tallahassee: WWLD 106.1 XG: 30-23-09 / 84-16-34
 Tavernier: WKEZ 96.9 CC (ex WIFL) "Keys"
 White City: WFLM 104.7 PC< 17.5 kW, 390 ft,
 XC: 27-26-08 / 80-22-40

GEORGIA:

Helen: WTFH 89.9 CC (NS)
 Macon: WBKG 88.9 2.2 kW, 239 ft. (AFA), CC
 (NS)

Metter: WBMZ 103.7 FC to classic hits
 Savannah: WLXP 88.1 NW, contemp. Christian
 The Rock: *NS 88.9 5 kW, 764 ft.
 Toccoa: WSTE 106.1 PC< 98 kW, 1132', C1

HAWAII:

Captain Cook: *** 93.1 PA: add class C1
 Hanamaulu: *** 101.1 PA: add class C1
 Hanapepe: *** 94.3 PA: add class C1
 Hiloalao: *** 92.1 PA: add class C2
 Honokaa: *** 102.9 PA: add class C2
 Honolulu: KORL 99.5 FC to soft AC & Hawaiian
 Honolulu: KAIM 95.5 dec. to 1853 ft, DA
 Kihei: *** 107.5 PA: add class C2
 Kurtistown: *** 102.1 PA: add class A
 Nanakuli: *** 106.9 PA: add class A
 Wahiawa: *** 103.7 PA: add class A

IDAHO:

Blackfoot: KCVI 101.5 FC to modern rock "K-Bear"
 Bruneau: *** 102.5 PA: add class C1
 Grand View: *** 93.5 PA: add class A
 Hazelton: *** 94.3 PA: add class C3
 Homedale: KBNH 106.3 CC (NS)
 Kimberly: *** 106.1 PA: add class C3
 Kootenai: *** 106.7 PA: add class A
 Kuna: *** 97.3 PA: add class C
 Melba: *** 99.9 PA: add class C2
 Payette: KQXR 100.3 drops Mark & Brian
 Shelley: KBJX 107.9 QG to 106.3 - C1, dec. to
 636 ft, XG: 43-32-35 / 111-53-07

ILLINOIS:

Athens: *NS 88.1 AF
 Bethalto: WFUN 95.5 OSA to C3, 24.5 kW, 335 ft,
 XG: 38-48-38 / 9-17-38
 Canton: WBYS 107.9 FC to Jones soft AC "Lite"
 (&), PG> 25 kW, 269 ft, XG: 40-32-41 / 90-01-
 16
 Centralia: WRXX 95.3 FC to classic hits
 Gridley: *NS 90.3 AF
 Kankakee: WAWF 88.3 PG> 1,250w, 285 ft,
 XG: 41-04-39 / 87-45-22
 Loves Park: WGSL 91.1 PG> 7 kW, 528 ft, DA,
 XG: 42-19-20 / 89-00-41

FUN RADIO • 95.5 FM •

Illinois:

Marseilles: WKOT 96.5 PG< 2.5 kW, XG: 41-18-33 / 88-48-45
 Mt.Olive: WAOX 105.3 CC (ex WSTN)
 Mt.Sterling: WLRT 106.7 FC to oldies "Golden 106.7"
 Petersburg: *NS 88.1 AF
 Pingree Grove: *NS 88.5 AF
 Spring Valley: *NS 88.1 AF

INDIANA:

Goshen: WZOW 97.7 adds ABC clas. rock (&)
 Greencastle: *NS 90.5 AF
 Jeffersonville: WQMF 95.7 XG: 38-06-16 / 85-56-06
 Ladoga: *NS 89.1 AF
 Roanoke: WYSR 94.1 FC to rhythmic oldies (&)
 Rochester: *NS 88.5 AF

IOWA:

Alta: KBVU 97.5 NW, modern / top 40 "The Edge"
 Belle Plaine: KZAT 95.5 adds ABC oldies at night (&)
 Ft. Madison: KBKB 101.7 FC to country "The Bull"
 Ida Grove: KIDA 92.9 PC> 25 kW, 328 ft.,
 XC: 42-29-23 / 95-17-40
 Keokuk: KRNQ 96.3 NW, smooth jazz (a new
 format is expected soon)
 Moville: *** 97.1 PA: add class A
 Rockford: *** 92.9 PA: add class A

KANSAS:

Coffeyville: KUSN 98.9 PG< 3.2 kW, 453 ft.
 Dearing: *NS 98.1 OSA to 9.7 kW, C3, 495'
 Hays: *NS 91.7 AF
 Humboldt: KINZ 94.3 SG "Z 94.3"

KENTUCKY:

Benton: WCBL 99.1 XG: 36-51-31 / 88-20-11
 Bowling Green: WDNS 93.3 SG "D93" classic rock
 Campion: WCBJ 103.7 NW, classic rock
 Eminence: WXLM 105.7 FC to bluegrass // WKXF
 Glasgow: WOVO 105.3 FC to classic hits
 Jefferson: WMJM 101.3 FC to rhythmic oldies
 Morehead: WMOR 106.1 FC to hot AC
 Radcliff: WASE 103.5 PC 7 kW, 541 ft, ND,
 XC: 36-48-57 / 85-46-49

Shepherdsville: WXLN 105.1 FC to cont. Christian
 Wickliffe: WGKY 95.9 XG: 36-56-17 / 88-58-01

LOUISIANA:

Amelia: *** 97.7 PA: add class C3
 Arcadia: *** 94.1 PA: add class C3 (replaces
 92.5 - A)
 Bastrop: *** 93.9 PA: add class A (from C3)
 Bastrop: KTRY 94.3 PA: to 93.9 - A
 Buras: *** 103.7 PA: add class C2
 Golden Meadow: *** 105.7 PA: add class C2
 Lake Arthur: KRAW 107.5 adds Neon Nights
 Leesville: KJAE 92.7 GA: to 93.5 - C3
 New Orleans: WWNO 89.9 PG> 85 kW (v), 748 ft,
 DA, XG: 29-55-11 / 90-01-29

Louisiana:

Rayville: KTJC 92.3 FC to WW1 oldies (&), OSA
 to C3, 11.5 kW (cir), 485 ft, XC: 32-29-01 / 91-
 54-10
 Reserve: WADU 94.9 FC to country // WYLA 94.7
 "Lake Country" (New Orleans)
 Ruston: KNBB 99.3 NW, Radio One a/c (&) "B
 99.3" (Monroe)



106

MAINE'S
HOTTEST**MAINE:**

Madison: WIGY 97.5 FC to sports // WSKW-AM
 Sanford: WPHX 92.1 CC (ex WCDQ), FC to
 modern rock (Portsmouth, NH) (WPHX will start
 simulcasting WFNX 101.7 Lynn, MA)

MARYLAND:

Bethesda: WMJU 102.3 XC: 38-56-10 / 77-05-33,
 ND

MASSACHUSETTS:

N.Adams: WMNB 100.1 PC> 1.3 kW
 Winchendon: *NS 91.1 AF
 Worcester: WBPR 91.9 PC< 870w, 285 ft, DA,
 XG: 42-15-15 / 71-57-36

MICHIGAN:

Ann Arbor: WUOM 91.7 XG: 42-24-27 / 83-54-50
 Baldwin: W201CF 88.1 NS-13w: KAWZ-ID
 Bear Lake: WSRQ 100.1 CC (ex WZTU), RA with
 CHR "Star-FM" (Northwest Lower Michigan)
 Benton Hbr: WHFB 99.9 dec. to 407 ft.
 Beulah: WBVE 92.1 RA, CHR // WSRQ 100.1
 Detroit: WXDG 105.1 PG< 13.5 kW, 955 ft.
 Gaylord: *NS 88.1 3 kW (v), 128 ft.
 Gulliver: WCMW 94.7 PA: to 102.5 - C1
 Vassar: WOWE 98.9 FC to rhythmic oldies
 Whitehall: WEFG 97.5 FC to WW1 rhythmic oldies
 (&)

MINNESOTA:

Babbitt: KAOD 106.7 NW, modern AC "Kiss" //
 WWAX

Bemidji: KBHP 101.1 inc. to 522 ft.
 Bemidji: KKZY 95.5 NW, a/c
 Brainerd: *NS 88.3 Minn. Public Radio
 Crosby: KTCF 101.5 XC: 46-33-52 / 93-57-03
 Grand Marais: *NS 89.7 Minn. Public Radio
 Grand Marais: WXXZ 95.3 NW, modern AC "Kiss" //
 WWAX

Int'l Falls: *NS 91.9 1.5 kW, 128 ft. (MN
 Christian Broadcasters)
 Monticello: *NS 89.5 AF
 Moose Lake: KBFH 107.1 OSA to PG< 100 w, class
 A, -52 ft.
 Park Rapids: KDKK 97.5 SG "Music Of Your Life"
 and "Star Station" and "K-D-Double K"

MISSISSIPPI:

Heidelberg: WEEZ 99.3 FC to oldies (& // WHER
 McLain: WXAB 96.9 NW, oldies (July)
 North Tunica: *** 98.7 PA: add class A
 Ocean Springs: WQYZ 92.5 inc. to 321 ft., DA,
 XG: 30-27-09 / 88-51-21



Mississippi:

Olive Branch: WOTO 95.7 CC (ex WRXQ) "Only The Oldies" (Memphis)
 Oxford: WOXD 95.5 PC> 6 kW
 Ripley: WKZU 102.3 PC> 6 kW, 285 ft.
 Tunica: WMPS 96.1 FC to modern AC (Memphis)
 Vicksburg: WBBV 101.3 QC from 101.1, adds Neon Nights

MISSOURI:

Cameron: KNOZ 100.1 SG "The Lake"
 Caruthersville: KLOW 105.1 PC> 4.8 kW, 328 ft.
 Festus: KTBJ 89.3 PG>1150w, DA, XG: 38-13-56 / 90-23-51
 Miner: KBHI 107.1 XG: 36-56-33 / 89-41-47
 Southwest City: KWQM 100.3 FC to soft AC (&)
 Wheeling: KULH 105.9 NW, classic rock (&)

MONTANA:

Billings: *NS 88.1 AF
 Conrad: KEIN 93.7 FC to WW1 hot country (&)
 Deer Lodge: KQRV 96.5 GA: to 96.9 - C1
 Hamilton: KBMG 95.9 GA: to 96.3 - C



Hamilton: *NS 90.3 AF
 Helena: KUHM 91.7 NW, info/variety // KUFM
 Lewistown: *NS 91.1 AF
 Shelby: KZIN 96.3 GA: to 96.7 - C1

NEBRASKA:

Nebraska City: KESY 97.7 FC to dance-CHR "Channel 9-7-7" (Omaha)
 Ravenna: *** 103.1 PA: add class C2

NEVADA:

Pioche: KBZB 98.9 CC (ex KAXA)

NEW HAMPSHIRE:

Gorham: WXLO 107.1 FC to WW1 a/c (&)

NEW JERSEY:

Asbury Park: WYGG 88.1 XG: 40-13-01 / 74-00-35

Cape May CH: *NS 88.1 AF

Egg Harbor City: WEMG 104.9 CC (ex WRDR) "Mega" (Atlantic City), FC to Spanish dance
 Ocean City: WTKU 98.3 adds Rhythmic oldies from 6 - 9 pm (Atlantic City)

Woodbine: WJPH 88.9 NW, MGS cont. Christian (&)

NEW MEXICO:

Cloudcroft: *NS 88.9 100w, 1187 ft.
 Farmington: *NS 89.7 AF, KUTE, Inc.
 Red River: KRDR 90.1 PG> 10 kW (v), 95 ft, C3, XG: 36-41-03 / 105-22-22
 Tularosa: *** 102.7 PA: add class C3
 White Rock: KSFQ 101.1 FC to classic hits, PC> 6 kW, 1850 ft, C3, XC: 35-53-09 / 106-23-16

98.7 CBA-FM

Crystal

NEW YORK:

Altamont: WZMR 104.9 CC (ex WAAP) "Z 104.9"
 Canton: WRCD 101.5 CC (ex WXQZ), FC to classic rock (&) (Ogdensburg)
 Coming: WCBA 98.7 PC< 1.2 kW, 722', DA
 Fenner: WXXE 90.5 PG 49w, 413 ft, XG: 42-58-12 / 75-47-07
 Gouverneur: WGIX 95.3 still oldies no longer // WSLB-AM
 Jewett: WRIP 97.9 NW, soft AC (in July)
 Kingston: WBPM 94.3 FC to rhythmic oldies
 Lake Placid: W208AR 89.5 NS-10w: WJIS-FL
 Olean: WMXO 101.5 XG: 42-06-18 / 78-23-25
 Oneonta: WZOZ 103.1 FC to classic hits
 Phoenix: WRDS 102.1 XG: 43-06-04 / 76-16-58, inc. to 266 ft.
 Ravenna: WABY 94.5 FC to ABC "45+" a/c (&)
 Willsboro: WXPS 96.7 PC< 1 kW, 797 ft, XC: 44-24-12 / 73-26-02, CL change from Vergennes, VT

NORTH CAROLINA:

Asheboro: WTJY 89.5 NW, southern gospel // WXR1
 Boiling Springs: WGWG 88.3 FC to A/C, cont. Christian and jazz
 Calabash: WYNA 104.9 inc. to 338 ft.
 Columbia: WERX 102.5 PC> 64 kW, CL from Edenton, NC
 Edenton: WBXB 100.1 inc. to 492 ft, ND, XG: 36-18-18 / 75-52-56
 Greensboro: WQMG 97.1 XG: 35-56-42 / 79-51-45, decrease to 1230 ft.
 Rocky Mount: WRQM 90.9 FC to info & classical // WUNC 91.5
 Wilmington: WRQR 104.5 PG< 3.1 kW, 449 ft, XG: 34-10-00 / 77-56-40
 Wilmington: WDVV 89.7 CC (ex WBID), NW, religion, to sign on in August, "The Dove"

NORTH DAKOTA:

Lincoln: *NS 88.5 AF

OHIO:

Crestline: WYXZ 98.7 FC to WW1 adult rock (&)
 Fairfield: WMOJ 94.9 CC (ex WVVAE), "Mojo 94.9"
 Lorain: WZLE 104.9 FC to CHR "Kiss 104.9"
 Rushville: WLRY 88.5 NW, cont. Christian
 South Webster: WZIO 94.9 FC to rhythmic oldies (&)

OKLAHOMA:

Colony: *** 105.1 PA: add class A
 Frederick: KYBE 95.9 PC> 6 kW, 249 ft.
 Perry: KOSB 105.1 FC to classic hits

OREGON:

Baker: *NS 90.7 AF (AFA)
 Coos Bay: *NS 91.3 AF
 Portland: KXJM 95.5 CC (ex KXL) "Jammin"
 Reedsport: KRBZ 99.5 FC to WW1 a/c (&)

**PENNSYLVANIA:**

Philadelphia: WXXM 95.7 FC to rhythmic oldies
"Jammin"

Pittsburgh: WJJJ 104.7 FC to rhythmic oldies

Wilkes-Barre: WMGS 92.9 XC: 41-10-56 / 75-52-23

SOUTH CAROLINA:

Batesburg: WZMJ 93.1 CC (ex WKWQ), FC to urban AC in June (Columbia)

Beaufort: WYKZ 98.7 XC: 32-19-43 / 80-56-17, increase to 715 ft.

Chesterfield: *NS 89.3 AF

Marion: WFSF 100.5 CC (ex WBZF) "Star"

Orangeburg: WXHT 103.9 CC (ex WKSO), FC to urban, adding Doug Banks

Paris Is: WGZO 103.1 FC to CHR "Z 103.1"

Summerville: W220CM 91.9 NS-38w, DA: WLFJ-SC

TENNESSEE:

Baxter: WBXE 93.7 FC to adult rock (&)

Bethel Sps: *** 97.7 PA: add class A

Dickson: WNRZ 91.5 no longer // WNAZ Nashville, still religious AC "Spirit FM"

Henry: WMUF 104.7 NW, country (&)

Livingston: WUSV 95.9 CC (ex WCSD) "US 96"

Paris: WLZK 94.1 CC (ex WMUF), FC to a/c (&)

TEXAS:

Alice: *NS 88.1 AF

Azle: KZMP 101.7 CC (ex KIKM), RA with reg. Mexican // AM (Dallas), "Z-Spanish"

Camp Wood: KAYG 99.1 PA: to 98.1 - C3

Center: KDET 102.3 QG to 100.5, PG< 2050w, 567 ft, XG: 31-43-34 / 94-15-27

Centerville: KAJG 105.9 LC

Daingerland: KKLK 106.9 PG> 8.2 kW, 502 ft, C3, XG: 32-41-54 / 94-37-04, CL: Ore City, TX

Dallas: KLUV 98.7 inc. to 1663 ft.

Eastland: KVMX 96.7 OSA to C3, 100 kW, 426 ft, XG: 32-24-24 / 99-27-26, CL: Baird, TX

Edna: K209DB 89.7 NS-50w: KCZO

Gainesville: K206CD 89.1 NS-250w: KPFC

Glen Rose: KTFW 92.1 PC> 25 kW, 1417 ft, C1, XC: 32-16-31 / 98-01-22

Highland Park: KVIL 103.7 inc. to 1653 ft.

Howe: KHYI 95.3 adds Jones classic country nights (&), still Americana elsewhere (Dallas)

Huntington: KYBI 101.9 FC to WW1 a/c (&)

Llano: *** 106.5 PA: add class A

Llano: *** 102.9 PA: add class A

Louise: K216EI 91.1 NS-50w: KCZO

McKinney: KRVA 106.9 CC (ex KZDF), FC to Ranchera (&) (Dallas)

Monahans: KFZX 102.1 CC (ex KCDQ)

Odessa: KLVW 99.1 XG: 31-50-53 / 107-27-04

Plainview: KVOP 106.9 NW, a/c (&) CC (ex KHDY)

Texas:

Plainview: KHDY 97.3 CC (ex KVOP), reported SI Plainview: *NS 88.5 3 kW, 282 ft.

Port Lavaca: K220HF 91.9 NS-250w: KCZO 92.1 Rio Grande City: KCTM 103.1 QG to 107.5 - C2, 12 kW, 994' DA, XG: 26-31-01 / 98-39-07

Terrell: KRVF 107.1 CC (ex KZDL), FC to Ranchera (&) // KRVA 106.9 (Dallas)

Victoria: KVLT 92.3 PC> 6 kW, 298 ft, DA, XG: 28-46-04 / 96-59-12

Wake Village: KBHA 92.5 PA: to class C3 (from class A)

Winona: KBKV 102.7 OSA to C3, 9.3 kW, 531', XG: 32-23-09 / 95-06-43

Winters: KAFR 96.1 OSA to C2, 50 kW, 492 ft, CC (ex KLGD)

Woodville: KVLL 94.7 FC to Hot Country (&)

UTAH:

Brigham City: KRAR 106.9 FC to soft AC "Cosy" // KOSY (Salt Lake City)

Logan: KBQL 92.9 adds Delilah

Logan: KVFX 94.5 FC to CHR "VFX 94.5" Salt Lake City: KRCL 90.9 PG> 25 kW, XG: 40-39-34 / 112-12-05

Salt Lake City: KCPW 88.3 PG> 2350w, -200 ft, DA, XG: 40-45-48 / 111-53-23

Tooele: KUUU 92.1 PC> 9.7 kW (h), 531 ft.

VERMONT:

Addison: WRRO 93.7 CC (ex WWFY), NW, classic rock

Middlebury: WWFY 100.9 CC (ex WGTK), FC to a/c

VIRGINIA:

Jonesville: WJNV 99.1 PG 4 kW, 403 ft, XG: 36-42-05 / 83-10-14

Staunton: WTQN 94.3 adds Delilah

Virginia Beach: *NS 102.1 6 kW, 167 ft.

WASHINGTON:

Bremerton: KRWM 106.9 PG< 49 kW, 1299', DA

Chehalis: K220HE 91.9 NS-13w(v): KAWZ-ID

Ellensburg: KCWU 88.1 NW, modern rock & variety

Nehquiam: KGHO 95.3 FC to classic hits

Naches: KREW 99.3 CC (NS), CC (ex KBMU)

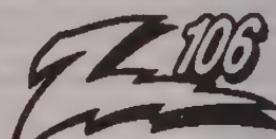
Omak: KQWS 90.1 NW, info & talk // KWSU

Seattle: KQBZ 100.7 CC (ex KIRO) "The Buzz"

Spokane: KWHK 103.9 adds Bob & Tom, CC (ex KNJY) "The Hawk"

Spokane: KEZE 96.9 OSA to C2, 8.2 kW, 1197 ft, DA, XG: 49-43-33 / 117-10-66

Walla Walla: KHSS 100.7 FC to Unica Spanish talk (&)



**The Mid-Ohio
Valley's Home of
Classic Rock**

WEST VIRGINIA:

Elizabeth: WRZZ 106.1 FC to ABC classic rock (&),
John Boy & Billy in AM (Parkersburg)

Fisher: WQWV 103.7 RA with Jones a/c (&)

WISCONSIN:

Brookfield: WMJO 106.9 CC (ex WPNT) "Jammin' Oldies" (Milwaukee)

Forestville: WRKU 102.1 PG< 400 w, 492 ft,
XG: 44-42-26 / 87-24-26

Kewaunee: WAUN 92.7 RA with country "Moo 92"

Lomira: WFDL 97.7 PG> 25 kW, 328 ft, C3,
XG: 43-42-32 / 88-13-14

Michigan: WGMB 94.7 PA: from class A to C3

Milwaukee: WTKI 94.5 dec. to 754 ft.

Platteville: WPVL 107.1 PG< 4.2 kW, 394 ft,
XG: 42-41-27 / 90-37-26

Port Washington: WGLB 100.1 FC to Jones classic
rock, keeps Imus in the AM (&)

Siren: WBEP 105.7 XG: 45-49-43 / 92-28-41

**WYOMING:**

Cheyenne: KIGN 97.9 inc. to 810', XG: 40-53-42 /
105-11-38 (xmtr located in Colorado)

Wheatland: *** 106.5 PA: add class C1

PUERTO RICO:

Camuy: WDIN 102.9 inc. to 892 ft, XG: 18-17-34
/ 66-39-32

Carolina: WVOZ 107.7 PC> 12 kW, 2758 ft.



CANADA

ALBERTA:

Calgary: CHKF 94.7 NW, ethnic

BRITISH COLUMBIA:

Courtenay: CKLR 97.3 NW, a/c

Victoria: CIOC 98.5 PG< 47 kW

MANITOBA:

Indian Lake: CINC 96.9 wants low power xmtr here

Waterhen Ind. Res: CINC 93.5 wants low power here

NEW BRUNSWICK:

Antigonish: CJFX 98.9 NW, a/c // AM

ONTARIO:

Michipicoten: *NS 100.7 CJWA wants 5 w relay here

Welland: CHOW 91.7 QC from 1470, 25 kW

QUÉBEC:

Havre-St-Pierre: *NS 92.5 25.3 kW, (to relay CBSI-FM, replacing 7 low power AM relayers)

Montreal: CBME 88.5 wants PG> 16.9 kW

Ste-Anne-de-Beaupre: *NS 89.9 124 w (to relay
CBVX-FM)

Thetford Mines: CKLD 105.5 PG> 6 kW, AM station
to go dark August 31, 1999

Trois-Pistoles: CJTF 93.9 dec. to 42 watts

SASKATCHEWAN:

Canoe Lake: CFCK 103.9 RA with variety



MALTA

**MALTA:**

Gozo:	Calypso 102 - 102.3
Malta:	Capital Radio - 88.7
Malta:	Bay Radio Malta (with RDS) - 89.7
Malta:	FM Bronja - 91.7
Malta:	Super One Radio - 92.7
Malta:	Live FM - 100.2
Malta:	Radio 101 - 101.0
Malta:	Island Sound - 100.8
Malta:	RTK Radio - 103.0
Malta:	Radio Mas - 103.7
Malta:	Radio Smash (with RDS) - 104.6
Marsa:	Super One Radio - 88.2
Mtarfa:	Radio Malta 2 - 93.7

**PIRATE WATCH:**

- LANCASTER, PA.** A pirate operating here on 106.3 was seized by the FCC on May 3, 1999. The station had been running with the slogan of "Radio Vida". FCC agents allege the station could be received twenty miles away, well above the limit for unlicensed stations. The FCC claims it was 31,000 times above the legal limit. (Does this mean 3.1 kW?)

- PITTSBURGH, PA.** The FCC, with cooperation from the FBI, closed down Mark Lange's "Radio Carson", which operated on 91.7.

• In Cleveland there are now two stations using the "Kiss" slogan. As we read last month, WENZ 107.9 changed from modern rock to urban, and began using the "Kiss" slogan, first. The change occurred after playing 23 straight hours of "The End Of The World As We Know It", by R.E.M. This was the same song the modern rock station debuted with in 1992 (after changing from top 40 WPHR "Power 108"). Well, after this, WZLE 104.9 Lorain has changed to a top 40 format, but also using "Kiss-FM". WENZ might not be THAT concerned, as 104.9 has a very hard time covering all of metro Cleveland. They have no signal in the important east-side suburbs, covering basically only west of the city. They cannot even be heard in places like Akron. WKY 104.7 (Geneva) and WQXK 105.1 (Salem) adjacent interference, as well as just weak signal are the culprits.



300 Washington Avenue
Lorain, Ohio 44052

The **107.9 END** CLEVELAND'S MODERN ROCK

• FCC Update: The time window for commenting on the important LPFM proposal has been extended by 60 days, until August 2nd (The NAB and CPB wanted to extend the deadline even further). This means reply comments will be due on September 1st. The time will likely be used for further testing. We'll let you know when we know more!

• The new "Jammin' Oldies" format of rhythm & blues and soul oldies continues to be all the rage in the United States. One needs to look only at the numerous changes to that format in this month's column (as well as the last few months). This format shows no sign of slowing down, so if you don't have one in your area yet, keep tuned! On a personal note, I find the new format interesting,



JAMMIN OLDIES

something new to listen to. However, if the stations stick to a tight 300 song playlist, like the "All 70's" format did a few years ago, I have to wonder if high burnout will mean the formats popularity will be short lived (like the 70's format was)

• Doug Smith writes about a handy program he has located on the Internet. Robert Carpenter's "TVFMSTNS" program will read the FCC TV-FM database for you, and display technical information, such as power, tower height, co-ordinates, etc. It will even plot the directional pattern of the station, and determine distance and bearing to several reference points. More information is available at <http://www.csvhfs.org> under the "Software Downloads" link.

• Bill Draeb writes with some FM updates from his home area of Kewaunee, Wisconsin. Firstly, WAUN 92.7 Kewaunee has returned to the air, but no longer running polka music (despite the complaints of many area residents). The station is now "Moo 92", with mainstream country music. According to a local newspaper article, the station, along with WSRG 97.7 Sturgeon Bay ("Star 97") have been acquired by Magnum Broadcasting, Inc., which runs other stations in the state. In addition to the country music, the station also wants to present itself as a good source of agricultural information. That is partly the reason for the "Moo" slogan. The station has acquired the Green Bay area rights to the Chicago based AgriVoice Network, which carries agricultural information for the region. Along these lines, Bill noticed another newspaper article announcing that a new polka formatted station is to debut within a few months. The article says the station will have the call letters WYNO, and be located in Kewaunee County, but not the city of Kewaunee. The organizers are seeing donations of old polka records. Readers are asked to contact them at (920) 388-2516. No other information was available. We'll keep you posted if it turns out to be an FM station. (I haven't seen any such grants.). Bill updates us on a few other new stations soon to sign on in the area as well .. WBDK 96.7 is all set to sign on two sister stations: WRLU 104.1

Algoma, and WRKU 102.1 Forestville. WRLU is planned to be country, and WRKU is to be oldies. WBDK had run the "Music Of Your Life" format, but dumped that at the start of the year. However, they still run music from the 40's to the 60's. Their president, Roger Ebert, (the movie critic? - grc) has made a generous offer to attempt to jump-start the economy of the counties of Keweenaw and Door. Bill notes that this area is somewhat economically depressed, with rail service to the area being discontinued, and the car ferry also being cut off. Ebert has promised \$10,000 of free advertising to any

business with more than five employees that relocates to one of these two counties.

- Thanks! To all the contributors to the column this month. Ken Simon provided the information, from the Internet, on the slogans for Maltese radio stations. Thanks for other information appearing here also go out to Matt Sittel, Doug Smith (especially for Canadian information!), Saul Chernos, Dave Nieman, Jeff Kitsko, Chip Kelley, and Mike Lazaro.

NORTHERN FM DX - JULY 1999 ...continued from page 31

GREG CONIGLIO - 90 SLATE CREEK DR #3 - CHEEKTOWAGA, NEW YORK 14227

Equipment: 1999 Plymouth Montana mini-van factory car radio (rental van).

Internet: coniglio@localnet.com. Times are MDT

MAY 29, 1999 ES

(MOBILE ON INTERSTATE 94: NEAR THE NORTH DAKOTA - MONTANA STATE LINE)

1913 KKZN 93.3 TX	Haltom City, local ads	
for Grapevine and Mesquite malls.		1060
1914 KATT 100.5 OK	Oklahoma City	tent.
With album rock (this was MUF)		870
1917 KQSR 94.7 OK	Oklahoma City,	"Soft Rock"
1921 KKNG 93.3 OK	Newcastle, Tent, k.	
1923 KXTQ 93.7 TX	Lubbock, tent. SS	935
1925 KFMX 94.5 TX	Lubbock, tent. Rp	935
1930 UNID 92.7	Houston Astros BB	
1931 KOMA 92.5 OK	Oklahoma City, oldies	

93.3 THE ZONE

Quality Rock - True Variety
Pre-Set 1 FM Stereo



The skip was a nice surprise. It was hard to enjoy it more because we were going through a bad thunderstorm with heavy rain. The storm featured the most spectacular display of lightning I think I have ever seen. The skip was immediately obvious because the FM dial in that area is so empty (just a few weak signals from Dickinson, and Miles City). The front also brought a massive change in weather, from sunny 80's beforehand, to 40's with wind and rain behind the front in Montana. Too bad it didn't last longer or reach a higher MUF. I still haven't heard skip back here in Buffalo. Lately the weather here has gone from extremes, with two consecutive 90 degree days, followed by drizzly days not getting out of the low 60's. During the warm days, I have noted good Tropo, including lake enhancement both to the SW towards Cleveland & Detroit, and NE towards Ottawa & Watertown, nothing far enough to report. One morning on the way to work I logged new station WZKZ 101.9 Alfred, NY with a strong signal, "KZ Country".

NORTHERN FM DX CONTRIBUTIONS ALL FROM E-MAIL THIS MONTH. I am not positive, but I think this is the first time that has happened. Thanks to all of you who have contributed this way. It has made the column easier, and allows for more recent information, because it doesn't take as long to put together! (Of course all contributions are still welcomed, and encouraged, in any format!!!). Here's how you Internet contributors can make my life even easier ... PLEASE submit your reports in a format as close to the standard logging as possible. That means the items should be in the correct order and format: Separate line for date & propagation, then a line with items in this order: time-calls-freq.-state-city-comments-distance (if you have it). Some reports that have been format otherwise have been somewhat of a problem to reorganize. Also, IF your program can do this, please separate calls, freq., etc. with the TAB key. This works better than single spaces. If you can't do TABs, always separate with the same number of spaces (such as 3 for example), so I can replace those with tabs. I do the column in Word 97, so I can take that, Excel 97, or any format those programs can read. I can still of course do regular e-mail, or text files (separated by text or commas if possible). Feel free to write with questions. Thanks in advance for your support!!

TV News

Douglas E. Smith W9WI
 1385 Old Clarksville Pike
 Pleasant View, TN 37146-8098
W9WI@bellsouth.net

July 1999

#	non-commercial station
nc	no change

<http://personal.bellsouth.net/~w9wi>

Applications to amend the (DTV) channel allocation table

St	Fm	To	Call	City	St	Fm	To	Call	City
AK	22	6	KYES	Anchorage	NV	17	12	KTNV	Las Vegas
AL	53	5	WB1Q	Birmingham	NV	32	13	KTVN	Reno
AL	59	11	WD1Q	Dozier	NY	21	48	WRNN	Kingston
AL	56	4	WCIQ	Mt. Cheaha	OK	16	7	KOCO	Oklahoma City
CA	38	5	KNSO	Merced	OR	40	13	KOTI	Klamath Falls
CA	43	10	KSBW	Salinas	TN	55	13	WRCB	Chattanooga
FL	26	31	WPXW	Miami	TX	47	8	KIII	Corpus Christi
FL	30	31	WTWJ	Miami	TX	nw	63	KBEJ	Kerrville
IL	48	5	WCIA	Champaign	UT	34	36	KULC	Ogden
IL	nw	36	WSEC	Jacksonville	UT	17	48	KUWB	Ogden
LA	55	7	KNOE	Monroe	UT	39	44	KBYU	Provo
MI	18	39	WBKP	Calumet	UT	27	46	KJZZ	Salt Lake City
MS	nw	43	WMAA	Columbus	WA	39	8	KSPS	Spokane
MT	39	8	KFBB	Great Falls					

KMCC (DTV-32) has applied to move its DTV allocation from Lake Havasu City, Arizona to Laughlin, Nevada.

Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
BC	13	0.01		Hagensborg	A & E	52-24-16	126-28-20
FL	48^	1000	456	Melbourne	WOPX [56]	28-05-37	81-07-28
MA	31^	154	330	Boston	WFXT [25]	42-18-12	71-13-08
MI	44^	212	305	Battle Creek	WZPX [43]	42-40-45	85-03-57
MI	14^	58.7	269	Detroit	WKBD [50]	42-29-01	83-18-44
MI	11^	3.2	249	Grand Rapids	WGUV [35]	42-57-35	85-53-45
NC	14^	150	221	Burlington	WGPK [16]	36-14-54	79-39-21
NJ	43^	46	261	Trenton	WNJT [52]	40-16-58	74-41-11
PA	32^	501	364	Scranton	WQPK [64]	41-26-12	75-43-31
TN	51^	1000	298	Memphis	WPXX [50]	35-12-41	89-48-54
TX	18^	220	535	Fort Worth	KTXA [21]	32-32-35	96-57-32
TX	38^	208	582	Houston	KHTV [39]	29-34-06	95-29-57
VA	43^	80	154	Manassas	WPXW [66]	38-47-16	77-19-49
VA	42^	100	448	Marion	WMSY [52]	36-54-07	81-32-32
VA	32^	100	591	Norton	WSBN [47]	36-53-53	82-37-21
VA	3^	7.25	627	Roanoke	WBRA [15]	37-11-46	80-09-18
WV	39^	1000	350	Charleston	WLWX [29]	38-28-12	86-46-35

Applications in *italics* are for backup auxiliary transmitters.

Construction permits granted for new stations

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>Ht./Call</u>	<u>City</u>	<u>Applicant</u>	<u>Latitude</u>	<u>Longitude</u>
AL	19^	50	313	Demopolis	WIIQ [41]	32-21-45	87-52-04
AL	44^	169	243	Louisville	WGIQ [43]	31-43-04	85-26-03
AR	34+	63	180	Eureka Sprs	Equity BC	36-17-30	93-45-41
BC	19	0.05		Abbotsford	Mennonite Church		
CA	32^	200	960	Anaheim	KDOC [56]	34-13-37	118-03-58
CA	61^	149	948	Long Beach	KSCI [18]	34-13-37	118-03-58
MD	21^	174	302	Salisbury	WBOC [16]	38-30-17	75-38-37
MN	32^	1000	433	Minneapolis	WCCO [4]	45-03-44	93-08-21
MN	35^	774	435	Minneapolis	KARE [11]	45-03-44	93-08-21
MN	50^	1000	433	St. Paul	KSTP [5]	45-03-44	93-08-21
MO	52^	1000	573	Springfield	KOLR [10]	37-13-08	92-56-56
OH	31^	625	317	Cleveland	WJW [8]	41-21-47	81-42-58
ON	36	10		Smiths Fls.	CKWS [11]		

New-station permits expired, dismissed, etc.:

<u>St</u>	<u>City</u>	<u>Ch</u>	<u># permits</u>	<u>St</u>	<u>City</u>	<u>Ch</u>	<u># permits</u>
AR	Eureka Springs	34+	3				

Applications to change existing stations

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>City</u>	<u>Call</u>	<u>Latitude</u>	<u>Longitude</u>
AB	12+	16		Etzikom	CBCA-1		
MD	16+	3581	302	Salisbury	WBBC-TV		
ME	10-		304	Augusta	WCBB	44-09-15	70-00-37
ME	12-		290	Orono	WMBB-TV	44-45-45	68-33-58
MN	4+		452	Minneapolis	WCCO-TV		
MN	5-		451	St. Paul	KSTP-TV	45-03-45	93-08-21
OR	8-		524	Portland	KGW	45-31-21	122-44-45
OR	12z	153	388	Portland	KPTV		

Entries in italics are corrections to the tower coordinates only - nothing has actually changed.

The KPTV change is for an auxiliary backup transmitter. An application has been filed to increase the power of the Hagensborg, BC station translating CHAN [8] from 5 to 10 watts. Unfortunately, I don't list any station relaying CHAN here. I suspect it's CH4580 [12], for which I don't list any programming.

Applications to change construction permits

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>City</u>	<u>Call</u>	<u>Latitude</u>	<u>Longitude</u>
AZ	31^	1000	484	Phoenix	KSAZ-DT		
CA	65^	1000		Los Angeles	KTTV-DT		
KS	33z	42	96	Wichita	KWCV	37-41-15	97-20-13
KY	29^	227		Newport	WXIX-DT		
MT	13z	5.35	573	Lewistown	KBAO	47-10-40	109-32-07
NC	27^			Charlotte	WCCB-DT	35-16-01	80-44-05
NC	53^	1000	629	Raleigh	WRAL-DT		
ND	26+	738	300	Bismarck	KNDX	46-35-23	100-47-39
ND	24z	740	239	Minot	KKND	48-03-14	101-26-03
OR	46^	1000		Portland	KGW-DT	45-31-21	122-44-45

I believe the 629m HAAT for WRAL-DT is a typo. What it should be, I have no idea.

Changes granted to existing stations

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>City</u>	<u>Call</u>	<u>Latitude</u>	<u>Longitude</u>
GA	57+	5000		Atlanta	WATC		
KY	67-	5000	440	Morehead	WAOM	37-54-27	83-38-00
WA	49-	5010		Vancouver	KPDX		

K33DT Boise, Idaho has been granted permission to operate as a DTV station.

Changes granted to construction permits

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>City</u>	<u>Call</u>	<u>Latitude</u>	<u>Longitude</u>
AZ	58z	3758	335	Sierra Vista	KWBA	31-45-32	110-48-03
OR	24+			Portland	KNMT	45-30-58	122-43-56
OR	32z			Salem	KWBP	45-00-35	122-20-17
UT	20+	1644	1171	Salt Lake City	KTMW	40-39-12	112-12-06
WA	51+	3800	719	Bellevue	KBEH	47-30-17	121-58-04
WA	34-	2840	450	Spokane	KGPX		
WI	27+	2400		Madison	WKOW-TV		

The Portland change is for an auxiliary backup transmitter.

Changes expired, dismissed, etc.

<u>St</u>	<u>City</u>	<u>Ch</u>	<u>Call</u>	<u>St</u>	<u>City</u>	<u>Ch</u>	<u>Call</u>
AL	Dochan	5	WJJN-LP (3)	TX	Brownsville	28	K17EK (2)
CA	Pavne's Cr.	41	K2GPP (3)	TX	McAllen	63	K69HZ (3)
MN	Grand Marais	11	W61AF (4)	UT	Salt Lake C.	44	K38CN (3)
TX	Brownsville	21	KZAV-LP (2)	VA	Lynchburg	80	W80AN (1)

(1): Petition to deny (for move to ch. 46) granted.

(3): Request of applicant.

(2): Mexican objection.

(4): Canadian objection.

LPTV Displacement Applications

<u>Call</u>	<u>St</u>	<u>City</u>	<u>Fm</u>	<u>To</u>	<u>Call</u>	<u>St</u>	<u>City</u>	<u>Fm</u>	<u>To</u>
W2GAY	FL	Melbourne	20	31z	K39AJ	NE	Lincoln	39	58-
W22CE	FL	Orlando	22	14z	W67DQ	NY	Victor	67	24z
W67DT	KY	Paducah	67	52-	K66EB	TX	C. Christi	66	59-
K65FP	LA	Denham Sp.	65	38-	K44FO	TX	Dallas	44	19z
K42FV	MO	Joplin	48	20-					

LPTV Displacements Granted

<u>Call</u>	<u>St</u>	<u>City</u>	<u>Fm</u>	<u>To</u>	<u>Call</u>	<u>St</u>	<u>City</u>	<u>Fm</u>	<u>To</u>
K62FT	AZ	C. Adobes	64	62-	K30FV	NE	Cambridge	25	30z
K05KP	CA	Quincy	11	5+	K43FU	NM	Deming	60	43+
KWHY-LP	CA	Sta. Barb.	65	22-	K48GJ	NV	Carson C	65	48z
K26FT	CA	Sta. Barb.	61	26z	W15BS	NY	Union Sprs	69	15z
K41EP	CA	Sta. Barb.	19	41n	W54CT	NY	Wilson	60	54n
K56GH	CO	Ft Collins	35	56n	W09CG	OH	Findlay	46	9+
W38CC	FL	Ft. Myers	67	38-	K33FE	OR	Roseburg	29	33z
W17CK	FL	Pt Charlotte	52	17+	K56GE	TX	Kingsville	46	56n
WPBI-LP	FL	W.P. Beach	36	31n	KHPL-LP	TX	La Grange	32	40+
W25CQ	GA	Statesboro	45	25+	K42ET	TX	Snyder	69	42-
W34CN	ME	Medway	14	24+	K38FN	TX	Waco	53	38+
W68CH	MI	Detroit	68	33+	K54GB	UT	Tooele	24	54n
K49FC	MO	St. Louis	48	49+	W31CA	WV	Charleston	45	31n

I believe W68CH has been issued a new callsign to go with its move to channel 33, however the old call was printed in the Public Notice.

Technical changes on the air

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City</u>	<u>What happened</u>
FL	56+	W56DW	Naples	move from channel 54- (W54CC)
FL	27+	WTXL-TV	Tallahassee	increase power 1170->2690kW, tower height 262->518m; move about 30km west-northwest.
GA	25+	W25CQ	Statesboro	move from channel 45n (W45BO)
HI	26z	KAAH	Honolulu	increase power 76->269kW, decrease tower height 66m, move about 35km west-northwest.
NC	64-	WAXN	Kannapolis	increase power 129->1910kW, tower height 86->300m, drop circular polarization & move about 30km south-southwest.
OH	39+	W39CG	Cincinnati	move from ch. 35z (W35BA), increase power 10.4->18.6kW.
OK	59n	K59GF	Guymon	move from channel 69 (K69EQ)
OK	17z	K17EX	Oklahoma City	move from ch. 65- (K65GU), decrease power 38.2->37.1kW, increase tower height by 85m, move about 11km northwest.

New stations on the air or requesting operating license

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	<u>Latitude</u>	<u>Longitude</u>
AZ	58z	5000	331	KWBA	Sierra Vista	31-45-33	110-48-02
CA	7n	0.3		K07UX	Fresno	37-04-23	119-25-51
CA	35^			KCRA-DT	Sacramento		
CA	44^	206	446	KBHK-DT	San Francisco	37-45-19	122-27-06
CA	14+	45.5		K14IG	Santa Maria	34-54-36	120-11-10
DC	36^	1000	201	WTTG-DT	Washington	38-57-22	77-04-59
IA	38n	26.1		K38DU	Sioux City	42-29-39	96-18-21
ID	66z	9.33		K66EV	Boise	43-45-16	116-05-56
KY	62z	129		W62CL	Lexington	38-02-07	84-27-02
LA	36+	12.3		K36DS	Alexandria	31-18-24	92-24-12
MA	31^	78	330	WFXT-DT	Boston	42-18-12	71-13-08
ME	20+	1.16		W20BN	Bangor	44-45-36	68-33-59
MI	18+	8.91	73	WHTV	Jackson	42-14-08	84-24-00
MI	28			W28??	Marquette		
NL	3			XH??	Linares		
NY	17			W17CH	Patchogue		
PA	51^	145	250	WTAE-DT	Pittsburgh	40-16-49	79-48-11
PA	20-	45.1		W20AN	Washington	40-11-25	80-14-00
TN	28-	11.9		W28BO	Acton	34-59-41	88-31-17
TX	35z	14.9		K35EU	Alice	27-45-09	97-27-18
TX	26+	10		K26EY	Austin	30-19-20	97-48-03
TX	31n	0.543		K31FA	Hillsboro	32-02-54	97-01-14
TX	44z	19.9		K44FF	Robstown	27-40-39	97-38-20
TX	58z	9		K58EU	San Antonio	29-31-25	98-43-25
WA	41^	427	263	KCTS-DT	Seattle	47-36-58	122-18-28

WA	45+	52.5	346	KHCV	Seattle	47-32-39	122-06-32
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I'm not going to list any facilities for WBLU yet. The channel 28 station in Marquette, MI is a translator of WBKP [5], with ABC. It's not in the FCC Database, but is mentioned on their ID slide (see Danny Oglethorpe's picture on page 11 of last month's *VUD*) and their Web site <http://www.whkp.com>. W17CH isn't in the database either. The Mexican station on channel 3 is translator of XHDF [4] Mexico City, and the location is not certain. KCRA-DT is operating from a temporary low-power facility at their studio. The move to full facilities is expected late this fall. The W28BO transmitter is in Mississippi.

Stations deleted/dismissed/etc.

Call	Ch	St	City	Call	Ch	St	City
CH2650/	2/						
CH2651/	4/						
CH2652/	6/						
CH2653	7						
Anzac				K3BEY	33	OR	La Grande

Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch:
W47BS	WOIL-LP	Tallad., AL	47	new	KBNX	Goldfld, NV	7
KKAK-LP	KHUG-LP	L. Rock, AR	46	WNYA-LP	WPXU-LP	Amityvl, NY	38
KKRK-LP	KLRA-LP	L. Rock, AR	58	W18BP	WLQP-LP	Lima, OH	18
KWOK	KTLN-TV	Novato, CA	68	WDPX	WBDT	Sprgfd, OH	26
WBPT	WSAH	Bridgpt, CT	43	K20FK	KZAV-LP	Brownsv, TX	20
W57CJ	WDPX-LP	Ft Myers, FL	57	KJAC-TV	KBTW-TV	Pt Arthur, TX	4
W31AU	WPXG-LP	Orlando, FL	31	K65ES	KBLM-LP	S Anto., TX	65
WPXU	WBUI	Decatur, IL	23	WPXG	WIWB	Suring, WI	14
new	KBNY	Ely, NV	6	new	KBNM	Sheridan, WY	7

Programming changes

Call	Location	Programming
K57HR	Colo Springs, CO	sold to KXRM [21], Fox.
KTVS [3]	Sterling, CO	sold to KTVD [20], UPN.
WKRP-LP [42]	Washington, DC	to NASA TV & Executive Branch info
WBUI [23]	Decatur, IL	from Pax to WB.
KSMI-LP [51]	Wichita, KS	returns to air with Military Ch.
W67BA	Dennis, MA	see WZBU-MA.
WZBU [58]	Vineyard Haven, MA	sold to Pax but may not carry the Pax network.
WNBU [21]	Concord, NH	sold to Pax but see WZBU-MA.
KNLC [24]	St. Louis, MO	adds UPN to religion.
KPTN-LP [58]	St. Louis, MO	adds local programming to Box.
W04BG	Morris, NY	sold to WYDC [48], Fox/UPN.
W55AC	Penfield, NY	sold to WYDC [48], Fox/UPN.
WMHQ [45]	Schenectady, NY	from PBS to WB.
K15EY	Wasco, OR	sold to Oregon Public Broadcasting.
W43BS	Columbia, SC	new, WQHB [63] translator.
W31BS	Orangeburg, SC	new, WQHB [63] translator.
WQHB [63]	Sumter, SC	in financial trouble; airing mostly test patterns.
KVVV [57]	Baytown, TX	sold to Pappas Telecasting - to drop Valuevision & go independent?
K58FZ	Cisco, TX	sold to Prime Time Christian Bcstg.

K53FV	Houston, TX	sold to Pappas - see KVVV-TX.
K69HZ	McAllen, TX	sold to a church.
K26DW	Snyder, TX	sold to KIDY [6], Fox.
W45BG	Norfolk, VA	sold to WAVY [10], presumably to be "LWS" weather?
K25FP	Ellensburg, WA	to 3ABN.
KHCV [45]	Seattle, WA	new, Military Channel.
WIWB [14]	Suring, WI	from Pax to WB (for Green Bay).

WMHQ [45] holds a commercial license, so the move from PBS to WB is legal. This would not be possible for stations on non-commercial reserved channels.

Forum & Other Stuff

Thanks to Fernando Garcia, Will Hepburn, Danny Oglethorpe, Jeff Kadet, Chip Kelley, and Jim Ayers for information appearing elsewhere in this column. Judging from the CP modification granted this month, I would assume the channel 62 station in Lexington, Kentucky is still operating under the W62CL LPTV permit rather than the WBLU full-license CP. New KWKB [20] Iowa City is scheduled to begin testing on the 11th and go on the air with programming on the 30th. It'll be a WB affiliate.

Fernando is seeing a new XHDF [4] translator on channel 3 to the southeast of his location. He speculates it's located in Allende, Montemorelos, or Linares. His local on channel 3 (a translator of XEFB [2]) has moved to channel 2 and back to its original location in Cadereyta, roughly 30km southeast of Monterrey. Yes, it does generate "Es-like" interference to XEFB. Also noted to the southeast of Monterrey are a new XHIMT (Azteca 7) translator on channel 8 and another XHDF translator on channel 4.

During a skip opening to the Dakotas, Jim Ayers near Atlanta noted a channel 4 station with a "TBT" bug & wondered who it was. This is CHFD Thunder Bay, Ontario. (See Danny's picture on page 11 of last month's *VUD*; note the ID as "TBT 4/6") TBT operates a second station in Thunder Bay (also pictured in last month's *VUD*), CKPR on channel 2. Its ID is "TBT 2/5".

Jim also notes his local WNGM [34] is IDing as "WNGM-LP"! It does, in fact, hold a full-power license and operates at 5,000kW.. I guess The Box is not used to full-power affiliates<grin>. Speaking of The Box in Atlanta, WSKC-LP [59] has been off for a few weeks. The third Box in the area, WIRE-LP [40] also operates intermittently.

Finally, Jim asks whether it's legal for one station to broadcast on two channels at the same time? When WSKC-LP moved from channel 4 to 59, they operated on both channels for about a week; and in late May, Jim observed WGS-A-LP Savannah on both channels 38 and 50. (Surprisingly, not in parallel - 50 was airing an ID with translator list inserted over an infomercial, while 38 had the infomercial but no ID) I suppose this is probably legal for brief periods - the construction permit conveys authority to test the new facilities (whether they be a more powerful transmitter, a higher antenna, or even a completely different channel) on the air. The FCC has indicated it will be cracking down on those who keep renewing construction permits over and over; it will not be possible to keep two channels this way for long. Oh, yes, both channels would have the same callsign. (I would count them as two different stations in my log)

Two Guadalajara stations have modified their IDs. According to Danny, XHG [4] has added big letters "GDL" below their 4 logo. And XEDK [5] has changed the background behind their 5 to white. In Veracruz, XHAJ [5] has added "Televisa Veracruz" IDs to their programming - however, these IDs are different from the ones used by XHFM [2] and XHGV [4]. See Danny's Web page at <http://www.geocities.com/capecanaveral/cockpit/5099> for more on identifying Mexican TV. He also notes KNAZ [2] now carrying KPNX [12]'s newscasts. The stations are now co-owned. No word yet on whether KMOH [6] is also part of this network.

Jeff Kitsko sent a quick note to the effect that WCWB [22] and WPGH [53] Pittsburgh have both adopted stereo audio.

You may have noted there was no installment of the Canadian DTV Allocations last month. It was because I ran out of time to edit them - but I'm not going to resume with that set. Will Hepburn indicates the table now appears as part of the Industry Canada database, and there have been some changes. Canada will be using the same callsign scheme as the U.S., with calls such as CHCH-DT and CH4023-DT. He also indicates Panasonic is to be introducing a DTV->NTSC converter in October.

Classic V.U.D.

Original articles from the early days of the VUD...articles that stand the test of time. This one written by Dave Janowiak and originally appearing in a Nov 1970 issue of the VUD. It has been updated for use in this VUD.

Dipoles and folded Dipoles

A dipole, or folded dipole is an antenna cut to one-half wavelength of a desired frequency. It is, therefore, resonant at that frequency, allowing more electromagnetic pickup at that frequency than other frequencies. Both antennas, although different in impedance, deliver identical power to a receiver or transmitter.

The dipole is split at its electrical center for connection to 72 ohm transmission line (see Figure 1). Radiation is maximum at right angles to the axis. The dipole can be called a dipole antenna, doublet, doublet antenna, half-wave dipole or plain dipole.

The folded dipole, shown in Figure 2, has 300 Ohms impedance. It also is split in the center for connection to the transmission line. Maximum radiation is also at right angles to the axis.



Figure 1

Half-wave dipole

Note: Hereafter, the term dipole will be used for both plain and folded dipoles unless specified otherwise.

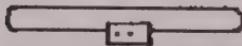


Figure 2

Half-wave folded dipole

These antennas, especially folded dipoles, have been most popular for TV and FM receiving work. Because of their popularity, dipoles have become the basis for plotting gains of other antennas. That is, dipoles are used as a reference, assigned a "gain" of zero, and compared with other antennas to determine the gain or loss. Dipoles, therefore, are sometimes called "zero-gain" antennas, not because they can't increase the signal, but because they have been

given a gain of zero only as a starting point. Indeed, many all-channel antennas on some channels have gains less than the cut-to-channel dipole!

Note: The isotropic source is sometimes used as a reference also, but not nearly as much as the dipole. However, gain of an isotropic source is about 20% less than a dipole. It is impossible, therefore, to make a correct judgement of antenna gain if a gain of X db over a "reference" antenna is claimed. Judging by the difference between actual antenna gain and that claimed for some all-channel antennas, I believe some manufacturers compare their antennas to neither a dipole nor an isotropic source.

Dipoles can be made from any conductor: solid wire, tubing, transmission line. The physical length of conductor must be shortened by the velocity factor, however.

Uses for Dxers. The dipole is an inexpensive method of receiving a frequency not covered by other antennas. Any 300 ohm line, for example, can be cut and mounted on a board for support. Aluminum tubing can be used if available, but support is difficult especially at low frequencies. Best use of a dipole is for snatching polarized E skip. A 300 ohm dipole can be cut in minutes for the channel desired and mounted to suit. For E skip, it needn't be mounted high, since local trop signals would just be that stronger. A dipole cut from 300 ohm line and taped to a fishing pole stuck into the ground ...has gotten E skip IDs that weren't seen on a horizontal antenna.

Uses for builders an experimenters. With a home-brew signal meter and pads, it is easy to compare gains of antennas. The dipole should be compared with the "test antenna" at the same height and location and through identical lengths and type of transmission lines. This is a little hard if the test antenna is already mounted on the tower. However, if possible, ground-test the antennas before installation.

Comparison is done by noting voltage differences on the S-meter between dipole and test antenna. If the S-meter is not calibrated, you can add attenuation until both readings are identical (or close). For example, if voltage equals -1.0 with the dipole connected, but -3.0 with the test antenna connected (more gain), add attenuation until the reading with the test antenna is close to -1.0. The amount of attenuation equals gain of the test antenna over the dipole. Note: Comparing picture strength by using pads only (no S-meter) is not an accurate test. If a ch2-13 antenna is tested, check the gain against select cut to-channel dipoles: channels 2,4,6,7,10 and 13, for example. typically, gain "rolls off" at the ends of the band, especially for yagi types.

Experimenters can check actual gain against calculated gain of home-brew antennas by using the dipole/S-meter/attenuator method. Some Dxers might be surprised to learn that they can build a four or five element yagi for a low band channel that will out-perform *any* all channel VHF antenna on that frequency. Cost should be little or nothing, especially if you have access to junk tubing, old antennas, etc.

300 ohm attenuator pads. Anyone with an average sized junkbox should be able to build a few pads quite easily. All you need is the correct sized resistors. Figure 1 shows common circuits used for 72 and 300 ohm type pads. Tables 1 and 2 give resistor values for the attenuation desired. Wattage values are unimportant in receiving work; 1/4 to 2 watt are fine, whatever is the cheapest. Resistor tolerances effect results, but for your less critical needs, 20% resistors should be ok.

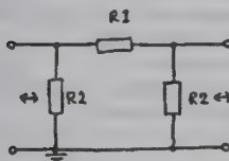


Figure 3 72 ohm pad

ATT (db)	R1 R2	
3	27	430
6	56	220
9	91	160
12	130	120
15	200	110
18	300	91
21	430	91
24	560	82

For Figure 3

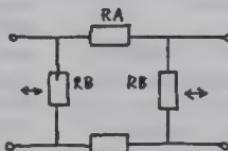


Figure 4 300 ohm pad

ATT (db)	RA	RB
3	56	1600
6	110	910
9	180	620
12	270	510
15	390	430
18	560	390
21	820	360
24	1200	330

For Figure 4

A 300 ohm home-brew pad is illustrated below. Non-conducting circuit board can be used. Spacing at input/output should be close to actual T-line conductor spacing. Short lengths of T-line and antenna clips allow rapid insertion and removal, but antenna clips can add .50 db loss to a 12 db pad.

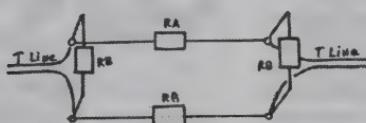


Figure 5 300 ohm home-brew pad

The 72 ohm pads should be mounted in small metal boxes, making sure you have good shielding, symmetry, etc. Use you favorite connector.

fm/tv

WEBsitings

June/July 1999

Jim Thomas
280 E. Katsura Street
Milliken, CO 80543
oldwest@oneimage.com

The Best of the 'Best' in FM & Television Station Internet Websites.

After a month of incredibly busy work, I have found time to get the second issue of WEBsitings out. Rather than apologize for being too busy, here's a DOUBLE issue for you to have fun with. Hopefully by now, we're all deep in the thick of the e-skip season. Also, by the time this VUD hits the mailbox, the WTFDA convention will be in full swing. With that bagful of unid'd FM & TV loggings, what you need now is some really good SEARCH ENGINES from the internet to help you solve those mystery stations. So here they are.

HAVE FUN!! **[SEARCH]**

SEARCH

SEARCH



FM WEBSITE SEARCH ENGINES

www.wmbr.mit.edu/stations/list.html

This is possibly one of the best fm/am search engines currently on the web. It utilizes both the fcc.gov search engine and links to radio station websites. You can do a direct search by state, city, frequency, call letters, format, and you can also search either webpages or fcc documentation on a station, or both at the same time. You can also list all am or fm by frequency, broken apart by country, which goes beyond the North American continent. The frequency listings will also highlight stations with website presence and those that are linked to bitcasting sources (ie Realaudio). The webmaster is Theodric Young from the WMBR radio station at MIT. He readily invites your input.

www.fcc.gov/mmb/asd/fmq.html

This is the FREE search engine provided by the Federal Communications

Commission

in Washington, DC.

Here you can query

radio station information

by: Callsign, file number, city/state, frequency



FCC website continued

conversion between FM channel numbers & frequencies, and mailing addresses for broadcast stations. The FM database is updated daily at 5:00PM EST and contains all transactions from the previous business day.

www.radiostation.com/facdata/fmcallsq1.html

Now here's a super fast search engine. Its the latest state-of-the-art high speed SQL database processor that finds your search in a flash. No bells & whistles here, no time consuming downloading of .gif or .jpeg images, just straight to the point .html text.

www.airwaves.com/fmdb.html

Originating from Milwaukee, WI, here is another search engine that uses the fcc.gov database, as well as linking you to the tiger.census.gov locator. It searches by callsign, city/state, frequency, metropolitan area. You can even plug in designated longitude & latitude coordinates. It is as effective as other search engines, but somewhat slow with search results.

Here are some other fm radio search engines worth mentioning, but are somewhat incomplete in their listings.

www.radiobroadcast.net

www.gebbieinc.com/radiointro.htm

www.ilgradio.de/ilg-ibwd.htm



**are you PLUGGED IN
to the world??**

SPAM

...continued on page 35-

NORTHERN FM DX

JULY 1999

DEADLINE The 5th of the month before publication
LOG CUTOFF 4 months from postmark
COLUMN REPORTING AREA See map to the right
(also includes Europe & Asia)

EDITOR GREG CONIGLIO
90 SLATE CREEK DRIVE APT. #3
CHEEKTOWAGA, NEW YORK 14227
E-MAIL coniglio@localnet.com
WEB <http://www.geocities.com/~wgrc>



The season has picked up, judging by the reports below. Not a banner season by any means, but at least there was an active period of skip during the end of May, especially the 23rd. Some decent Tr has also been reported. If you heard any of this, or other DX, let us know about it!! ...

MATTHEW SITTEL - 1731 SCARBOROUGH DRIVE APT. 2-I - BELLEVUE, NEBRASKA 68123

Equipment Yamaha TX-900U tuner with modified filters, rabbit ears, 2nd floor apartment.
Internet 76255.2171@compuserve.com

MAY 1999

5 TR

0756 KJIL 99.1 KS Copeland, calls 342

14 TR

0740 KHOZ 102.9 AR Harrison, Z103, local ment. 370

22 TR

0646 KRES 104.7 MO Moberly, "Kress Radio" 219

23 ES

1810 WKOC 93.7 VA Chesapeake, "The Coast" 1102

1813 WRSF 105.7 NC Columbia, "Dixie 105.7" 1124

1820 WMGV 103.3 NC Newport, Kinston ad 1130

1822 WWDE 101.3 VA Hampton, "2WD" 1088

1824 WQBE 97.5 WV Charleston, calls 784

1825 WPTE 94.9 VA Virginia Beach, "Point" 1113

1826 WRVQ 94.5 VA Richmond, "Q94", calls 1019

JUNE 1999

6 TR

0624 KLQP 92.1 MN Madison, Ortonville ad, Q92 270

0626 KSDR 92.9 SD Watertown, "93 Country, KS-93" 268

0630 KQAA 94.9 SD Aberdeen, calls, "Cool 95" 326

0640 KBRK 93.7 SD Brookings, local ad 225

0659 KRSU 91.3 MN Appleton, ID 282

0709 KGGK 98.3 SD Wessington Springs, 245 "Cool 98", Mitchell ad

0731 KQIC 102.5 MN Willmar, local ad, "Q102" 280
0732 KJAM 103.1 SD Madison, calls, severe wx PSA 208
0734 KYSM 103.5 MN Mankato, "New Country 103" 233
0737 KPHR 104.3 SD Milbank, "Oldies 104.3" 285
0810 KEEY 102.1 MN St. Paul, K102, Twin Cities wx 302
0817 KDWB 101.3 MN Richfield, calls 293
0858 KDKK 97.5 MN Park Rapids, "K-D-Double K" 403
0859 KBHZ 91.9 MN Willmar, ID 280
0859 KKCK 99.7 MN Marshall, calls 230
0903 KDJS 95.3 MN Willmar, "K 95.3" 280
0904 KKOK 95.7 MN Morris, calls 309
0906 KCAY 95.9 KS Russell, calls 217
0929 KVGB 104.3 KS Great Bend, calls, "Eagle" 242
1004 KRUE 92.1 MN Waseca, local ads 240
1014 KTCZ 97.1 MN Minneapolis, "Cities 97" 301
1035 KOWZ 100.9 MN Blooming Prairie, calls 239



Nice to hear some skip (although I was hoping for something I'd never heard from any DX location, like Oregon...), and the tropo on June 6th was certainly enjoyable. Log total now stands at 158. 73s Matt.

MAY 23, 1999 ES (CDT)

- 1955 WMNF 88.5 FL Tampa SS. id'd by TEXT "WMNF" on RDS of DX-398. A first!
- 2100 KEOM 88.5 TX Mesquite, I/pسا, pre-recorded psa, full id, 70s oldies 88.7
- 2102 KAZI 88.7 TX Austin Blk Gos, full idfreq,calls, city, state! 1600w!
- 1958 KUHF 88.7 TX Houston 1958 "on KUHF" in fade up.
- 2001 KSBJ 89.3 TX Humble, G-E with full s/id, cont. Christian



KUHF 88.7 FM
HOUSTON'S CLASSIC CHOICE

Well, this is my first ever report to the WTFDA, being a member/fan for years! Never had any super long list but I guess I figure all the little repts fatten up the bulletin! Es wa here for the first time in '99 for about 2 hrs on 5-23. The RDS on the RShack DX-398 was wonderful as it printed out "WMNF" with the SS programming which never had to wait for audio id! Was nice! 73s! John John J. Rieger DX'ing since 1967

STEVEN SOLOMON - 31 VERNON ST. #4 - HYANNIS, MASSACHUSETTS 02601

Equipment Yamaha T-85 with 5 modified if filters 110khz/150khz. Super Narrow and fine tuning features. Car Geo Stock w/2 modified 150khz filters and signal meter. Internet cool102@capecod.net. (508) 771-8053

MAY 19999 TR

- 1000 105.5 WAYB Isleboro ME
Bay 105.5, New station
- 1005 89.3 WMSJ Freeport ME
Maine Christian Radio

17 ES

- 2000 101.3 WMCI Neoga IL
k/1000 miles
- 2017 88.3 WLMS Lecanto FL
3.8k/Spirit FM/St. Pete mention
- 2023 88.1 WNAS New Albany IN
900/2.8k/Oldies

21 ES

- 1202 92.5 WYUU TampaFL Oldies 92
- 1205 94.7 WDEC Americus GA Mix 94.7
- 1207 94.9 WTNT Tallahassee FL
- 1212 95.5 WTVY Dothan AL
- 1213 95.3 WJYF Nashville GA
- 1213 95.7 WMTX ClearwaterFL Star 95.7
- 1222 96.9 WDJR EnterpriseAL
Country 96.9
- 1225 97.3 WMGR Bainbridge GA
over local WJFD

TIR MIX WDEC 94.7 FM

MAY 21 ES cont.

- 1228 99.5 WKSM Ft. Walton Beach, FL
99 Rock
- 1231 99.7 WOOF Dothan AL
99-7 "Woof" FM
- 1232 100.3 (WOCL) OrlandoFL Cool FM
- 1233 100.3 WNCV Niceville FL
Ft. Walton mention
- 1233 100.7 WHYIFt. LauderdaleFL Y-100
- 1234 101.7 WYDA* Graceville FL
6k/note #1/Star 101.7
- 1242 94.1 WSJT Lakeland FL
100k/Smooth Jazz 94.1
- 1245 94.9 WKSJ Mobile AL
- 1246 93.1 WBBK Blakely GA B-
93/note #2
- 1250 92.5 WPAP Panama City FL
- 22 ES note #3 (no totals counted-mobile)**
- 1046 94.9 WZTA Miami FL Zeta
- 1051 93.1 WTMI Miami FL
- 1052 93.9 WLVE Miami FL
- 1056 96.5 WPOW Miami Beach FL
Power 96
- 1058 97.9 WRMF West Palm Beach, FL
- 1059 98.3 WQBA Goulds FL SS

Note1 WYDA Graceville, FL - Dothan mentions. Although FM Atlas lists WTID Reform, AL as "Star 101.7", their web site is "Tide 101.7". Graceville is next to Dothan.

Note 2 Phone call verified slogan of B-93 for WBBK.

28e 3 E-skip 5/22/99 received mobile on rt. 95 in Rhode Island and Connecticut.

JOHN EBELING - 9209 VINCENT AVE S - BLOOMINGTON, MINNESOTA 55431

Internet: iebelina@aol.com

FROM BLOOMINGTON, MINN.**January 1999****4 TR**

2100 KKRC 93.9 MN Granite Falls	109
2200 K22AE 92.3 MN Springfield KJLX Xlitr	92
2200 K228DH 93.5 MN Owatonna	52

February 1999**22 TR**

1100 K214DF 90.7 MN Golden Valley (Mpls) KLOV Xlitr	11
--	----

March 1999**26 MB**

1049 KWGB 97.9 KS Colby

April 1999**15 TR**

1202 KKJR 106.9 MN Hutchinson "The Flame" (ex 107.1)	52
---	----

27 TR

2100 K296ER 107.1 MN Mankato (KLJY 104.5 Xlitr)
--

58

2214 K231AC 94.1 MN New Ulm

67

FROM PROSIT (ALBORN), MINN.**January 1999****16 TR**

0125 WKQH104.9 WI Marathon "K rock" (don't have distances)

0130 WBUM104.3 MI Baraga

April 1999

18 TR

1701 KKJR 106.9 MN Hutchinson "The Flame" (ex 107.1)

May 1999**9 TR**

2315 KKZY 95.5 MN Bemidji stunting "KZY-FM"

15 Es

0855 CKUA 93.7 AB Calgary	+67kHz SCA
---------------------------	------------

0901 CJSI 88.9 AB Calgary

0931 CJAY 92.1 AB Calgary

23 Es

1742 WOGK 93.7 FL Ocala
1752 WPZM 93.3 TN Tullahoma
1755 WCOS 97.5 SC Columbia
1800 WFSQ 90.5 FL Tallahassee
1801 WLWI 92.3 AL Montgomery
1806 WPBH 94.5 FL Parker "beach 94.5"
1809 WTVY 94.5 AL Dothan
1817 WPGG 93.3 AL Evergreen
1820 WINL 98.5 AL Linden
1821 WAYS 99.1 GA Macon
1829 unid 102.1 "The Eagle" (Any help on this one???)
1829 WAGP 88.7 SC Beaufort "the light"
1900 WSMR 89.1 FL Sarasota "life fm"
1906 WBVM 90.5 FL Tampa
1915 WMJY 93.7 MS Biloxi "magic 93.7"
1934 WXFX 95.1 AL Prattville
1936 WSHF 99.3 FL Mexico Beach
1938 WRQO 102.1 MS Monticello "Q 102"
1940 WTBT 103.5 FL Bradenton "Gulf Thunder 103.5"
1943 WRBQ 104.7 FL Tampa "Q 105" k(ountry)
1951 WEBZ 93.5 FL Port St Joe
1954 WPCV 97.5 FL Winter Haven
1958 WBRH 90.3 LA Baton Rouge
1959 WPAE 89.7 MS Centerville
2001 WRNO 99.5 LA New Orleans
2003 WRBH 88.3 LA New Orleans
2030 WYFK 89.5 GA Columbus
2100 WGTF 89.5 AL Dothan



End of report. My mileage chart is at the cabin & I didn't write the mileage down before I left there. Hope that this comes through in a somewhat readable format. (Looked good, John! - grc) Regards from John Ebeling.



WTFDA 1999 CONVENTION

Northwestern New Jersey

Hope to see you there!!

NORTHERN FM DX

JULY 1999

CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK

Equipment: Pioneer car radio, Internet: cbernth@banet.net

MAY 1999 DX

6 TR

1400 WMSJ 89.3 ME Freeport "Joy 89.3"
rel

21 TR

1128 WMFQ 92.9 FL Ocala "Q92.9"
1144 WWRM 94.9 FL Tampa "Warm 94.9"
1050
1152 WPLA 93.3 FL Callahan "Planet radio"
1201 WBBK 93.1 GA Blakeley "BBK" 943
1210 WKSJ 94.9 AL Mobile "KSJ" 1094
1232 WTYS 94.1 FL Marianna calls 988

KITN 93.5 FM

Your #1 Fun Station!

21 ES CONT

1235 unid 93.5 "Classic Rock 93 1/2"
1240 WTMI 93.1 FL Miami local concert
schedule 1114

25 GW

unID 90.7 Spanish music & tlk. Mentioned
Springfield several times. Is there a pirate
operating in Springfield, MA?
(Charles, there is actually a licensed 90.7 in
Springfield, WTCC. Perhaps an area
member can let us know if they run
Spanish? - gc)

27 ES

1050 KSDR 92.9 SD Watertown "KS-93"
1059 KFSI 92.9 MN Rochester gospel 1034
1110 KITN 93.5 MN Worthington
"Today's BestCountry"
1130 KKYA 93.1 SD Yankton ads 1276

SAUL CHERNOS - 57 BERKELEY ST - TORONTO, ONTARIO CANADA M5A 2W5

Internet: schemos@torfree.net (416) 364-0725

OCTOBER 1998 DX

5 TR (DOWNTOWN TORONTO)

0100 LP106.3 ON Toronto, Toronto Sun
dispatch, very low power, rp music \$

11 TR (BURNT RIVER)

0027 CBPO 88.9 ON Parry Sound Weather
Radio Canada TIS

2026 CIRA 91.3 PQMontreal FF

2314 WUNY 89.5 NY Utica "Classic FM"

2327 WHWK 98.1 NY Binghamton

17 TR (TORONTO BLUFFS)

0053 WJSL 90.3 NY Houghton g w/CJBC!

0054 WCOT 90.9 NY Jamestown g

0100 WNBQ 92.3 PA Mansfield

"104-5 The Buzz" rp

0115 CBO 103.3 ON Ottawa CBC \$

NOVEMBER 1998 DX

11 TR (BURNT RIVER)

2230 CBCM 89.7 ON Penetanguishene
(ex-107.5) mono

15 TR (TORONTO)

0005 CBLA- 90.5 ON Crystal Beach
\$ (testing with music)

0018 CFLZ 105.1 ON Niagara Falls TIS
(91.9 still on)

0115 CBCM 89.7 ON Penetanguishene
(ex-107.5) mono

30 TR (TORONTO - AURORA WEST)

0125 CKNR 94.1 ON Elliot Lake
(CBL very briefly off)

FEBRUARY 1999 DX

2 TR (TORONTO - DOWNTOWN)

1730 TIS 91.7 ON Toronto "91.7 FM Auto
City Radio" Rich & Parl

ERIE'S NEW MUSIC LEADER

30 INTERFM FM

FEB 5 TR (TORONTO - EAST END RT 401)

2145 PIR 90.7 ON Pickering "The Puke
104.9" (mocking Nuke 90.7)

8 TR (TORONTO - DUFFERIN)

2058 WKBN 98.9 OH Youngstown
"The New Mix 98.9"

2106 WSTI 96.9 MI Lexington 60s-80s pop

2125 WZLE 104.9 OH Lorain "104.9 Today's
Christian Mx"

2126 WGRT 102.3 MI Port Huron r

2133 WCLV 95.5 OH Cleveland c

2144 WMJI 105.7 OH Cleveland

2149 WNWW 107.3 OH Elyria "Smooth Jazz
107-3 The Wave"

MARCH 1999 DX

12 TR (TORONTO - EAST END RT 401)

2230 PIR 104.9 ON Pickering (The Nuke but
no ID) White's Rd /The Project 420-9466

17 TR (TORONTO - CENTRAL, THEN BLUFFS)

1939 LP 89.9 ON Toronto Glendon
College, celtic and rock

2130 WASB 105.5 NY Brockport g "WASB
1590 Bpt, WRSB 1310 Canandg)

APRIL 1999 DX

2 TR (TORONTO - BLUFFS)

1332 WLWY 94.3 NY Elmira "94 Rock" pr

1400 WERG 89.9 PA Erie pr
"Energy FM 90"

1414 WVBR 93.5 NY Ithaca pr

1417 — 91.7 Bombers Baseball

10 TR (BURNT RIVER)

0730 TIS 91.7 ON Balsam Lake B.L.
Provincial Park) very lo pwr

12 TR (TORONTO - BLUFFS)

1515 W214BB 90.7 NY Lockport //88.3 WCOU g

MAY 1999 DX

3 TR (TORONTO - DOWNTOWN)

NORTHERN FM DX

JULY 1999

MAY 4 TR (TORONTO - DOWNTOWN)

2100 CHOW 91.7 ON Welland testing with k
(ex-1470)

23 TR (BURNT RIVER)

1630 CHOW 91.7 ON Welland k "Spirit 91.7"
(ex-1470)

23 ES (BURNT RIVER)

1852 KDYN 96.7 AR Ozark "Dynamite Country Radio"

1854 KEGL 97.1 TX Fort Worth "The Eagle"

1856 KRXO 107.7 OK Oklahoma City

1903 91.7 India/Middle East music

1907 KNID 96.9 OK Enid

1911 KOMA 92.5 OK Oklahoma City

1914 KJYO 102.7 OK Oklahoma City "KJ-103"

1916 KVRP 95.5 TX Haskell k

1925 KEYB 107.9 OK Altus k

1930 KOSU 91.7 OK Still water

1933 KIXR 100.1 OK Ponca City "Mix-100"

1936 KOLS 95.5 KS Dodge City

1937 KAMX 94.7 TX Luling "Mix 94.7"

1938 KHOK 100.7 KS Hoisington "Eagle"

1940 KBEL 96.7 OK Idabel k

1942 KGGG 94.7 KS Sterling

"Oldies94.7...K-Gold"

1945 KVIL 103.7 TX Highland Park "Light Rock103.7 KVIL"

1946 KTXQ 102.1 TX Fort Worth

1947 KOYN 93.9 TX Paris k

1949 KLTY 94.1 TX Fort Worth

1950 KNON 89.3 TX Dallas Beyond Bows & Arrows native drumming

1956 KGNZ 88.1 TX Abilene

2008 WWRM 89.3 FL Boynton Beach g-mx

2027 WWRM 97.9 FL Palm Beach

2030 90.5 Soundprint www.soundprint.org

2036 WQYK 99.5 FL St. Petersburg

2039 KDEA 93.7 LA New Iberia "Cool93.7"

oldies

2053 KETX 92.3 TX Livingston k

2056 WXRG 96.7 MS Gulfport

2058 93.9 WINK g ???

2100 KWKQ 107.1 TX Graham k

2015 KAMD 97.1 AR Camden "K-97"

2106 KIVY 92.7 TX Crockett

2019 KCUL 92.3 TX Marshall TX Rangers BB

2110 KGAS 104.3 TX Carthage TX Rangers BB

2114 KBHT 93.5 TX Crockett

2117 KODA 99.1 TX Houston

2118 KIPR 92.3 AR Pine Bluff

2124 KSCN 96.9 TX Pittsburg "New Star

Country 95.9 & 96.9"

2127 KWRW 97.7 TX Rusk



2130 104.7 "K-Lite104.7"

2132 <u>KYYK</u>	98.3 TX Palestine "Kick 98" k
2133 <u>KRXT</u>	98.5 TX Rockdale g
2147 <u>KASE</u>	100.7 TX Austin "Case101" k
2148 <u>WJMI</u>	99.7 MS Jackson "99-Jams"
2150 <u>KVET</u>	98.1 TX Austin "K-Vet"
2151 <u>KPEZ</u>	102.3 TX Austin "The Classic Rock



Station"

2153 95.5 "Q-95, Q-95.5, The Q"
rap920-9155 (Saul,KRRQ-LA maybe? - grc)

2155 KLDE 94.5 TX Houston

2200 KPFT 90.1 TX Houston "Alternative Radio" show e-mail

2206 KOUZ 89.9 LA Alexandria

2227 KKBQ 92.9 TX Pasadena "Q-Country"

2230 KWTX 97.5 TX Waco

2234 KVTT 91.7 TX Dallas g

2239 KLBJ 93.7 TX Austin r

2247 KSWP 90.9 TX Lufkin

2302 KBJS 90.3 TX Jacksonville

2304 KVNE 89.5 TX Tyler

24 ES (BURNT RIVER)

1131 KCBI 90.9 TX Dallas g-mx

1143 KBBQ 100.7 AR Fort Smith

1145 KMEO 96.7 TX Flower Mound "Memories 96.7"

1147 KOMS 107.3 AR Fort Smith "Big Country 107.3"

1150 KSLZ 107.7 MO St. Louis

1152 KBVA 106.5 AR Bella Vista

1153 KHTT 106.9 OK Muskogee "K-Hits" k

1155 KHTO 106.7 MO Mt Vernon "Hot 106.7"

1201 KJEL 103.7 MO Lebanon

1204 KVOO 98.5 OK Tulsa

1205 KBTN 99.7 MO Neosho

1207 KRIG 104.9 OK Nowata "104.9 The Rig"

1209 KRLK 107.7 MO Stockton "107.7 The Lake" old-k

1212 KRXO 107.7 OK Oklahoma City

1214 KSPI 91.7 OK Stillwater "FM 93.7 The Spy"

1218 WTRL 106.7 MO Mount Sterling "Golden 106.7"

1223 KDKD 95.3 MO Clinton

1225 WGXQ 92.5 IL Rushville

1227 KRBB 97.9 KS Wichita r "B-98"

1230 KDGS 93.9 KS Andover "Power 93.9"

1232 KCCV 92.3 KS Olathe "Life 92 FM...Bott Radio Network"

1233 KZZD 90.7 KS Wichita "Z-91"

1235 KCMW 90.9 MO Warrensburg "Your station for jazz"

1239 KQRC 98.9 KS Leavenworth "Your concert stn"

98.9 The Rock

Last fall I reported a pirate on 106.3. Turns out it's the Toronto Sun newspaper using FM ...continued on page 17--

SOUTHERN FM IDX

John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099
 E-mail: Jpzondlo@aol.com - Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY,
 LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

July 1999



Doug Smith

1385 Old Clarksville Pike - Pleasant View,
 TN 37146-8098
 w9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV
 antenna at 15'

5/9 Tr (local WCVQ off)

2106 KFIN 107.9 AR Jonesboro, "K-Fine," local ads 208

5/18 Es

1200 XHGL 97.7 YU Merida, ads for Super San Francisco & Farmacias Isa, confirmed by Fernando Garcia on phone call to Merida 1079
 1200 XHMT 98.5 YU Merida, "La Comadre"
 1230 XHBR 89.9 QR Cozumel, area ads 1099
 1230 KBNR 88.3 TX Brownsville, rel talk in SS
 1230 KBNLT 89.9 TX Laredo, //88.3 (#1)

5/21 Es

1817 CBW 98.3 MB Winnipeg, cultural talk about CRTC 1050
 1821 KDKK 97.5 MN Park Rapids, "K-D-Double K" 833
 1825 unID 104.3 MN ??, same mx format as KDKK, either KLKK or KZLT
 2100 KRCS 93.1 SD Sturgis, legal ID & "Hot 93.1" 1022
 2100 unID 95.9 CO ??, "KZ Country 95.9," & "For our friends in Vail," presume KIDN?
 2104 KINI 96.1 NE Crookston, call ID 867
 5/25 Tr
 0756 WBFG 96.5 TN Parkers Crossroads, legal ID, carries ESPN Radio, all sx 85

5/27 Es

1144 KQSW 96.5 WY Rock Springs, "Q96 FM," k
 1151 KIQZ 92.7 WY Rawlins, "KIQZ-KRAL(AM)" ID, FM #800 at this location 1139
 1200 KUAD 99.1 CO Windsor, Longmont ads 1000
 1215 KMUS 101.9 WY Burns, "The Moose," ID 999
 1230 KUWZ 90.5 WY Rock Springs, "Wyoming Public Radio" ID 1242
 1230 KUWR 91.9 WY Laramie, "Wyoming Public Radio" //90.5 1042

Note#1: Fernando suggested these two might have been from Guatemala. On one hand, I had KIII-3 Corpus Christi at the same time, suggesting south Texas, but on the other hand I did have several mentions of Guatemala on other FM frequencies at the same time. Wish I'd paid more attention!



Dan Oetting
 107 S. Tartan Dr.
 Elkton, MD 21921
 EDT

Harmon-Kardon Citation 23 tuner, Archer 10 element FM yagi @ 12' AGL in attic

Well, as you can see, I've moved. I'm about 40 miles SSW of my old location in Phoenixville PA. I'm in the NE corner of MD. As a matter of fact, I can see the Delaware state line road sign from my kitchen window with binoculars. Because of the distance from my old location, I'm starting over from scratch as far as the station count. Right now I have about 200 stations from Elkton MD. My clearest frequency is 88.7. My location is excellent for DX from the south, but quite poor for signals to the NW to north (I'm on the downslope of a hill facing south). I have had 2 good tropo openings and one minor Es since moving here in late February. Tropo scatter to NC and WV is common. Also, many Tidewater VA stations come in by gw. Here are some of the more interesting catches that I've had. All are new from Elkton.

3/10 Tr (EST)

2200 WBBC 93.5 VA Blackstone, k, "Bobcat"
 4/23 Tr
 0005 WAGO 88.7 NC Snow Hill, g
 2100 WJLC 98.3 VA Clarksville, k

5/1 Tr

2024 WHCN 105.9 CT Hartford, WXJN 105.9 DE off
 5/12 Tr

0030 WSMJ 105.7 VA Richmond, k, "The River"
 0100 WNJD 104.9 VA White Stone, m, "Windy 105"
 0230 WRDU 106.1 NC Wilson, rp
 0300 WGRQ 95.9 VA Colonial Beach, o, "Q-96"
 0830 WUNC 91.5 NC Chapel Hill, c, wx

5/23 Es (MUF 94.3)

2102 WQZX 94.3 AL Greenville, k, "Q-94.3"
 2143 WRBH 88.3 LA New Orleans, t
 2200 KRVS 88.7 LA Lafayette, j

5/27 Tr

0930 WBPP 104.9 VA Strasburg, k, NJ off

5/31 Tr

1910 WQOK 97.5 VA South Boston, s, "K-97.5"

6/6 Tr

0100 WRVS 89.9 NC Elizabeth City, s, s/off, OEL off
 0116 WYFL 92.5 NC Henderson, g
 0128 WFLO 95.7 VA Farmville, rm
 0130 All Richmond area stations in solid!
 0135 WPTM 102.3 NC Roanoke Rapids, k
 0200 WTRG 100.7 NC Rocky Mount, o
 0207 WFXK 104.3 NC Tarboro, s, "Foxy"

FM DX Web

32 <http://members.aol.com/fmdxweb>

Southern FM DX

0950 WSRV 92.3 VA Deltaville, "Surf 92.3," o

By the way, the 106.3 xtr in Dover DE is a xtr of WXPZ 101.3. It gets out well. Also, WOEL 89.9 is off every Sunday morning Midnight to 7AM. Hope the Es season kicks in soon!

Eric Bueneman (NOUIH) - 631 Coachway Lane-

Hazelwood, MO 63042-1347 - (314) 839-9751

(prepaid only) - E-mail: NOUIHEric@aol.com -

<http://members.aol.com/hOuiheric/k-index.html>

CDT

Realistic STA-90, Radio Shack VU-210XR with Archerotor at 33' AGL. Miles/kilometers.

2/17 Tr (CST)

2348 KKID 95.9 MO Salem, classic r, legal ID through WOLG 90/145

2/25 Tr (CST)

0637 WKXQ 92.5 IL Rushville, local nx, ads, calls, ACI from WIL 92.3 125/201

0642 KZZK 105.9 MO New London, Bob & Tom, promos, calls, AOR, ACI from KPNT 105.7 85/137

6/4 Tr

2032 WGLO 95.5 IL Pekin, "95-5 GLO," AOR, Peoria ads, local WFUN off 140/225

2055 WBNQ 101.5 IL Bloomington, calls, local ads, CHR, over WCIL/KPLA 135/217

2110 WJVQ 105.5 IL South Jacksonville, calls, k, o/W288AW, ACI from KPNT 105.7 70/113

2350 WSTQ 96.1 KY Owensboro, "The New Mix 96 STO," hot AC, ads, ACI from KIHT 96.3 195/314

6/5 Tr

0002 WTRH 93.3 IL Ramsey, Bible reading, soft Christian mx // WJLY 88.3, thru KNSX 70/113

0023 WMMC 105.9 IL Marshall, "Magic 106," hot AC, ACI from KPNT 105.7 155/249

6/6 Tr

0010 KOKX 95.3 IA Keokuk, "Country 95," k, local WFUN 95.5 off 125/201

0013 WKZ 106.1 MO Charlestion, "Pure Country 106.1," ko, w/KOQL 140/225

0105 WCBF 102.1 KY Clinton, classic hits, legal ID // WDXR 94.3 160/257

0138 KIYS 101.9 AR Jonesboro, "101.9 Kiss FM," CHR, intermittent \$ 200/322

0140 KKLK 94.5 MO Poplar Bluff, "Clear 94," k, ACI from KSHE 94.7 145/233

0146 KJEZ 95.5 MO Poplar Bluff, "Classic 95.5," classic r, WFUN off 145/233

Was able to catch three new stations in February. KKID 95.9 was finally heard (never heard as KSMO or KMMC from Hazelwood) through semi-local WOLG with classic rock (unknown if they are programming for the Rolla market). Later in the month brought WKXQ 92.5 (I did hear this

July 1999

one in the '80s on 96.7) and KZZK 105.9 (carrying the same morning show as KSHE 94.7).

An era in St. Louis radio ended on June 4 when WFUN 95.5 signed off it's locally oriented pre-teen format for the last time. Arch Radio is taking over the station, and leasing it to Radio One. A call letter/format change will have taken place by the time you read this. With WFUN off, I was able to pull in WGLO and KJEZ, along with adjacent channel KOKX 95.3. On June 4, WRXX dominated 95.3 and WCRC was in like a local on 95.7. The morning of June 5 brought WTRH 93.3 (for a call letter change, x-WJLY, which is now on 88.3) and WMMC 105.9. Also noted a format change on KWZK 106.1 (changing from hot k to ko). 73, Eric (NOUIH)

Pat Dyer - WA5IYX

5315 Silvertip Drive

San Antonio, TX 78228-2744

<http://home.swbell.net/pdyer/index.html>

pdyer3@juno.com CST

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor. 1950's (tube) Narco Omnidirectional used for most of the navaids.

B/3/98 Es

1620 KELO 92.5 SD Sioux Falls, ID 978

1623 KFWN 97.9 ND Fargo, ID 1215

1626 KXRA 92.7 MN Alexandria, town ID 1150

1626 KKCQ 96.7 MN Bagley, area ads 1264

1633 KQAA 94.9 SD Aberdeen, ID, "Cool" 1106

1634 KBRK 93.7 SD Brookings, area & local ads 1031

1636 KBOT 104.1 MN Pelican Rapids, "Wild Country" 1195

1638 KSCR 93.5 MN Benson, area PSAs 1108

1642 KKOK 95.7 MN Morris, ID 1125

1645 KSEZ 97.9 IA Sioux City, local ad 909

1648 KJK 96.5 MN Fergus Falls, ID 1168

1659 KRCQ 102.3 MN Detroit Lakes, k, ID 1208

B/4 Es

0844 WAAG 94.9 IL Galesburg, local ad 919

0849 KORB 93.5 IA Bettendorf, "Planet" 955

0858 WNFR 90.7 MI Sandusky, WNFA net ID 1295

2009 WJPD 92.3 MI Ishpeming, town ID 1321

2018 WZTR 95.7 WI Milwaukee, o, local ad 1111

2020 WZRK 93.5 MI Hancock, area ad 1244

2022 WAIR 92.5 MI Atlanta, area ad 1325

2025 KQDY 94.5 ND Bismarck, "KQ Country" 1213

2034 WKHL 96.5 WI Milwaukee, "KLH" 1112

2052 WVKS 92.5 OH Toledo, regional ad 1183

B/5 Es

0942 WYFL 92.5 NC Henderson, BBN net 1269

0950 WXR 94.5 NC Eden, area ads 1181

0954 WTQR 104.1 NC Winston-Salem, ID 1157

0959 WRVQ 94.5 VA Richmond, "Q-94" 1340

Southern FM DX

1026 WKRR	92.3	NC	Asheboro, area ad	1174
1028 WFYQ	93.5	NC	Wadesboro, ID	1134
1029 WFAE	90.7	NC	Charlotte, wx	1117
1033 WLJA	93.5	GA	Ellijay, ID	899
1035 WKKT	96.9	NC	Statesville, "Cat Country"	1117
1035 WXRC	95.7	NC	Hickory, ID	1101
1037 WFMX	105.7	NC	Statesville, ID	1128
1039 WESC	92.5	SC	Greenville, area ad	1011
1042 WTMF	98.5	TN	Johnson City, ID	1067
1046 WXHQ	96.9	TN	Bristol, ID	1067
1048 WXLK	92.3	VA	Roanoke, "K-92," local ads	1118
1049 WPVR	94.9	VA	Roanoke, "The Arrow"	1188
1053 WMEV	93.9	VA	Marion, regional ad	1110
1059 WAIN	93.5	KY	Columbia, ID	931
1100 WRVC	92.7	KY	Cattlettsburg, ID	1105
1107 WXCC	98.5	WV	Williamsion, ID	1095
1113 WMLX	94.5	KY	Lexington, local ad	1007
1119 WTCR	103.3	WV	Huntington, ID	1113
1121 WPAY	104.1	OH	Portsmouth, local ad	1095
1122 WZIO	94.9	OH	South Webster, area ads	1110
1125 WRKA	103.1	KY	St. Matthews, ID	956
1128 MYS	108.2	KY	Mystic, Morse ID-VOR	917
1130 ETK	109.6	KY	Fort Knox, Morse ID-VOR	929
1131 CCT	109.8	KY	Central City, Morse ID-VOR	851
1133 OWB	108.6	KY	Owensboro, Morse ID-VOR	870
1134 HNB	109.2	IN	Huntingburg, Morse ID-VOR	901
1136 IPAH	108.5	KY	Paducah, Morse ID-ILS	772
1138 QOM	110.2	IN	Bloomington, Morse ID-ILS	954
1146 MTO	109.4	IL	Mattoon, Morse ID-VOR	905
1148 DNV	111.0	IL	Danville, Morse ID-VOR	973
1150 CMI	110.0	IL	Champaign, Morse ID-VOR	934
1152 MWA	110.4	IL	Marion, Morse ID-VOR	794
1155 IIKK	109.7	IL	Kankakee, Morse ID-ILS	1004
1223 WWCT	105.7	IL	Peoria, local & area ads	932
1224 WBWV	92.5	WI	West Bend, area ads	1120
1234 WQLH	98.5	WI	Green Bay, "QLH"	
1239 KKMI	93.5	IA	Burlington, local & area PSAs	890
1242 WDUX	92.7	WI	Waupaca, ID	1154
1242 WOLX	94.9	WI	Baraboo, area & local ads	1084
8/16 Es				
0825 KSTP	94.5	MN	Minneapolis, "KS-95"	1118
0826 KQRS	92.5	MN	Golden Valley, "KQ-92"	1118
0856 WTBX	93.9	MN	Hibbing, area ads	1273
0859 KMFY	96.9	MN	Grand Rapids, ID	1260
0903 KMXK	94.9	MN	Cold Spring, "Mid MN Oldies"	1124
0919 KJJK	96.5	MN	Fergus Falls, "Country 96"	1168
0922 KKOK	95.7	MN	Morris, ID	1125
0926 KELO	92.5	SD	Sioux Falls, local ad	978
0927 KBOT	104.1	MN	Pelican Rapids, "Wild Country"	1195
0928 KXRA	92.3	MN	Alexandria, "KX-92"	1150
0929 KFNW	97.9	ND	Fargo, ID	1215
0936 KQLX	106.1	ND	Lisbon, ID	1174
0939 KQAA	94.9	SD	Aberdeen, ID, "Cool 95"	1106
0942 KSCR	93.5	MN	Benson, regional ID	1108
0943 KMIT	105.9	SD	Mitchell, ID	983

A very hefty supply of Es for the late part of the season here. The August 6 VOR/ILS catches

July 1999

were the best since May 28, with the IPAH path implying an MUF of 129 Mhz for someone. As is usually the case, the ILS "aim" almost matches the bearing to here (IPAH aims 224 deg vs 230 and IIKK aims 219 deg vs 221). 73, Pat - WA5IYX



Gus Mancuso
5706 Greenleaf Rd.
Cheverly, MD 20785-1112
EDT

No DX to report yet. FCC has shut down another FM pirate, "Echoes of Salvation," on 87.9, broadcasting from Silver Spring MD in SS (see 5/21 Washington Times). Community Radio on 104.5 in Bryans Road MD is the only pirate left in the area.

If I attend this summer's convention, I will bring a tape of the Twilight Zone episode "What's in the Box," which deals with a mystery TV channel being received in New York City. Those who attended the 1989 convention may recall the episode I showed which had radio DX in the plot. Have moved to a new house in which I am slightly below ground level. Need to put up a roof antenna.

John Zondlo
1009 Driftwood Circle
Yukon, OK 73099
jpzondlo@aol.com
CDT

Akai AT-VO4 tuner (modified with 2 150 kHz IF filters), Channel Master Stereo Probe 9 antenna. All new.

4/28 Tr				
2331 KCBI	90.9	TX	Dallas, rel, local	KOKF off 195
2336 KHCT	90.9	KS	Hutchinson, Radio Kansas,	KOKF off 179
5/9 Tr				
0935 WXCT	100.7	LA	Baton Rouge, k, "Tiger Country"	520

5/14 Tr				
0947 KKYN	103.9	TX	Plainview, local ads, k	243
0958 KFLL	95.3	TX	Floydada, calls 229	
1032 KCRM	99.5	TX	Lubbock, classic r	268
0830 KJRT	88.3	TX	Amarillo, rel 230	
0830 KASV	88.7	TX	Borger, // KJRT	207

5/18 Es				
1300 WFSQ	91.5	FL	Tallahassee, ID	857
5/28 Es				
1130 KBHZ	91.9	MN	Willmar, "Praise FM"	679
1133 CKSB9	89.1	ON	Fort Frances, FF	932
1135 KKJM	92.9	MN	St. Joseph, "Spirit 93"	CCM 717

1146 KDOG	96.7	MN	North Mankato, local ads	631
1149 CILT	96.7	MB	Steinbach, "Star 96"	
5/29 Es				
2043 CHAY	93.1	ON	Barrie, local ads	1138
6/1 Tr				
0835 KTFW	92.1	TX	Glen Rose, k	226

Southern FM DX

6/2 Tr
0805 KLMN 89.1 TX Amarillo, "Family Life Radio" 230
0818 KJCM 100.3 OK Snyder, CCM, new stn
0900 KAVO 91.5 TX Borger, ID 207
0910 KQTY 106.7 TX Borger 207
6/3 Tr
0829 KIXO 106.1 OK Sulphur, new freq 81
0834 KTGS 89.9 OK Ada, "The Gospel Stn" 79
0917 KMAD 102.5 OK Madill, new freq 112
0937 KXAR 101.7 AR Hope, s 268

July 1999



From the Editor

Great support for the column this month, folks, despite the lack of Es. As this is being written, Es has been pretty meager around here. Hopefully there will be lots of it coming up to make a great August column. See y'all next month!

fm/tv

WEBsitings

...continued from page 26

TV WEBSITE SEARCH ENGINES

USA TV Online

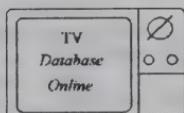


www.metronet.com/~chipk/usatv.html

This is undoubtedly, graphically the best TV search engine on the internet. It currently lists 2743 television stations, searches by state, provides fcc data for each station, and then links to the stations' website.

<http://personal.bellsouth.net/~w9wi>

Our very own Doug Smith, w9wi, maintains his upcoming TV database on the internet at the above url address. He's designed it so that you can pull up each television channel and see the entire channel list alphabetically by state, listing main power stations first, then lptv's at the bottom of the list.



The SlackADotCom U.S. Stations

<http://members.tripod.com/theslack/ustvst.html>

Here is another search engine that is graphically user-friendly and uses the 'search by state' method. When the page comes up with the state you're searching, it provides a drop down box of all television stations in that state and then links you to that stations' website. You can also link to the networks from this search engine.

<http://www.gebbieinc.com/tvintro.html>

This is another part of the search engine that was mentioned on the FM search engine page. It has direct links to television station internet websites, using the 'search by state'. It does not use the fcc.gov search engine.



The Worldwide TV-FM DX Association

welcomes you to this site

EASTERN TU DX

Russell Miller
HC 61, Box 86B
N. Amity, ME 04471-9622
email address - estvdx@ainop.com

July, 1999

LOCAL TIME UNLESS OTHERWISE NOTED

Roy Barstow, P.O. Box 2488, Teaticket MA 02536

May, 1999

09 Tr	2015	W16BC	16 NH	
		W36BK	36 VA	400
		WCNC	17 NC	592
	2100	WUNP	36 NC	533
		WYDO	14 NC	562
11 Es	1400	WEDU	3 FL	1153
	1430	WESH	2 FL	1059
12 Tr	0730	W36BK	36 VA	400
		WRAY	30 NC	565
14 Es	1815	KGAN	2 IA	1091
		WBAY	2 WI	898
	1830	WJMN	3 MI	870
		KIMT	3 IA	1035
16 Tr	0000	CKLT	9 NB	345
		CBHT3	11 NS	279
19 Tr	0135	WNGN	29 NY T S/Off	
Es	1930	WPBT	2 FL	1209
		WCBI	4 MS	1132
	2045	WEDU	3 FL	1153
Ms	2325	WRBL	3 GA	1007
21 Es	1115	<u>WCTV</u>	6 GA	1056
	1145	WKRG	5 AL	1215
	1200	WJXT	4 FL	990
Tr	2310	WXOBLP	14 VA	471
		WYDO	14 NC	562
		WTMW	14 VA	400
		The Military Channel		
	2345	W24BI	24 VA	450
		W45BG	45 VA	456
		WRAY	30 NC	565
		WCNC	17 NC	592
		W18BS	18 VA	450
		WVIR	29 VA	486
		W36BK	36 VA	400
22 Tr	0005	WUNP	31 NC	640
		WLFL	22 NC	600
	0130	W31BG	31 VA	440
	0135	WITF	33 PA T Polish	
	0145	WUNK	25 NC	562
		WUNP	36 NC	533
	0235	WHMC	23 SC	702
		WJPM	33 SC	708
	0245	WRAZ	50 NC	600
	0300	WRPX	47 NC	550
Es	1200	WESH	2 FL	1059
	1245	WEDU	3 FL	1153

Roy the Boy will fix you up. The object is to control that free-wheeling antenna – all you have to do is to put a tail or a fin on the top back of the antenna – now you have a DX weather vane. It will always point to that tropo DX. With a high pressure system coming your way, the wind will come from that same direction and your weather vane DX antenna will be pointing right at it and DX will pour in.
Editor: Great idea Roy! But one question – what do I do with my coax?

Peter J. Giacopelli, KB2DY, 30 Peconic Drive,
Massapequa, NY 11758-8317 dypete@aol.com
ms93310@massaulibrary.org
Equipment: SONY 13" TV Model No. KV1326R
Supplied rabbit ears antenna

May, 1999

28 Tr	2200	WLNE	6 MA	New Bedford	149
	2210	WJAR	10 RI	Providence	133
31 Es	2035	WPBT	2 FL	Miami	1097
	2030	WEDU	3 FL	Tampa	1015
Tr	2335	WCAU	10 PA	Philadelphia	99
	2215	WHYY	12 DE	Wilmington	126

Russell Miller, HC61, Box 86B, N.Amity, ME 04471

May, 1999

14 Es	1856	WSMVT	4 TN		1194
	1859	WKRN	2 TN		1194
	1900	WMCTV	5 TN		1382
	1905	WAVE	3 KY		1057
	1925	WTWO	2 IN		1086
17 Tr	0900	WTXF	29 PA		
Es	0115	WKRN	2 TN		1194
	1724	WTAE	4 PA		718
		KDKA	2 PA		718
	1816	WCBD	2 SC		1111
	1821	WWAY	3 NC		966
		WTKR	3 VA		771
	2030	Texas heard 6 meters			
Tr	2300	WTXF	29 PA		550
		WHSP	65 NJ		573
18 Tr	0650-0930				
		WUTB	24 MD		637
		WCVETV	23 VA		762
		WMPT	22 MD		649
		WBFF	45 MD		637

Scranton, Wilkes Bare STRONG

WDCATV	20 DC	672
WVIR	29 VA	769
WWLF(t)	56 PA	

What's that, you can't afford a rotator or worse yet, the rotor broke and it's free-wheeling! (No, that's not Free Willie, this is no fish story or How The Big One Got Away) this is how to catch that Big Tropo DX.

Comments: I will never again claim bad luck. I installed a 6 meter antenna on May 15, 1999. Less than one hour later I had a quick contact with LU2FFD of Rosario, Argentina. Propagation unknown. No Es on TV detected. So far, on 6 meters I've heard 2 Es to Texas twice. May 26th, apparent multi-hop to Canary Islands allowed for two 6 meter contacts. Es to my west allowed me to hear mid-west 6 meter hams contacting Spain and Portugal. May 30 more 6 meter multi-hop Es allowed me QSO's with Spain, Portugal, and France. As this last opening faded, I heard a ham near Roy Barstow's location contacting Spain. Roy may have had Spain etc. TV video buzz on several frequencies. I plain forgot to check for video buzz with all the 6 meter excitement. Also, heard the Greenland 6 meter beacon twice. And last but not least, I had a QSO with Tom Yingling Jr. without even knowing it was him. Just some guy named Tom. Now is the big season to send in your reports. May the Force be with you all, Hi Hi!

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

April, 1999

21 Tr	0806	WHNO	20 LA	478
		w/"CBS This Morning"		
		WVLA	33 LA local weather	483
	0827	WGNO	26 LA	472
		w/Metarie news		
22 Tr	0815	WGIQ	43 AL	336
		Birmingham area 13/21/33/40/42/ ~200		
		44/60		
	0830	WCIQ	7 AL	213

May, 1999

18 Es	1144	KIII	3 TX w/local ads	861
		Skip to FM, to southern Mexico		
21 Es	1810	CBWFT	3 MB	1060
		w/news in French		
	1900	KBME	3 ND	997
		w/Prairie Public TV ID		
		Following TBN-produced program on		
		pipe organs ...		
	1954	KWGN	2 CO	1011
		"Denver's WB-2"		
	2030	KRMA	6 CO	
	2114	KOTA	3 SD legal ID	1001
22 Es	1028	CITO	3 ON	884
		w/Kapuskasing ad		
25 Tr	0730	Cincinnati	9/12/48	-230
	0731	WIPX	63 IN	214
		Es also in to channel 2		
26 Es	1117	Briefly into channel 2, maybe ch.3		
27 Tr	0935	WCOT	20 AL call ID	283
		Es 1001 To Channel 3; Wyoming in on FM		

73, Doug

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071 jimayers@raider.net

March, 1999

12 Tr	0752	W47BS	47 AL Religious	119
		(B'ham & Anniston extra-strong)		

April, 1999

10 Tr	0920	WCBD	2 SC	271
		strong CCI to local		
	0924	WCSC	5 SC	271
		20 kHz CCI to local		
11 Tr	0819	WBFS	33 FL ID	599
	0823	WLTV	23 FL Spanish	598
	0836	WHFT	45 FL TBN	598
22 Tr	0748	WPMI	15 AL news	303
23 Tr		WAGA-DT	27 GA new on-air	
28 Tr	0735	W42AO	42 GA //WATC-57	46
		ex-TBN, over local W42BQ... 14.2 kW now, up from 822 w.		

May, 1999

11 Tr	0745	W15AG	15 FL //WGFL-53	261
	0809	WFNU	57 FL Fox	243
		audio over local, 20 kHz bars		
	0826	W23AQ	23 FL TBN	273
21 Tr	0728	W48BH	48 GA TBN	175
	0730	WGS-LP	50 GA UPN	223
	0739	WGS-LP	38 GA UPN	222
		Station is changing channels, currently on 38 and 50!		
	0759	W31BS	31 SC tp //WQHB-63	191
	0815	WWMB	21 SC WRNN-FM simulcast using in-studio video feeds	282
22 Tr	0722	WACH	57 SC completely burying my local WATC	186
	0728	W43BS	43 SC tp //WQHB-63	184
23 Es	1948	KWSE	4 ND Prairie Public 1413 farthest to date from Atlanta	
	1953	KBME	3 ND //4	1232
	2023	WDAY	6 ND calls, #300	1129
	10112158	KPLQ	6 SD calls	1076
	2305	KXJB	4 ND calls, KX-4	1147
29 Tr	0826	WTOC	11 GA strong CCI to local	211
30 Tr	0830	WSFX	26 NC Fox 347	
	0858	WEBA	14 SC	171
		strong CCI to local		

Strongest signals ever seen on xtrs at such distances 11 May and 21 May. Enhanced tropo this spring is infrequent but interesting.

73's Jim

WESTERN TV-DX

July 1999

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO
ac001984@acnet.net.

FTD is furthest tropo of the day.

TSLD Total of stations logged on the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish
85', RG11, UA900 amp. Sony KV-13TR27, CM 1110
30', CM 8 bay UHF array 60'. 1800' ASL,

No re-logs in the same month, only tropo 500+ miles.

May 5

				CDT
0315	KADN	15 LA	Lafayette	586
	KVHP	29 LA	Lake Charles	530
	KLPB	24 LA	Lafayette	567
	KLTL	18 LA	Lake Charles	548
0330	WVLA	33 LA	Baton Rouge	633
	WUPL	54 LA	Slidell	705
	WLPB	27 LA	Baton Rouge	638
	KLAX	31 LA	Alexandria	618
0345	KLAF-LP	62 LA	Opelousas UPN	600
	K69HD	69 LA	Church Point UPN	586
0615	WGMB	44 LA	Baton Rouge	633
	K56DR	56 LA	Baton Rouge TBN	633
	WMAU	17 MS	Bude	697
	KAJN-LP	40 LA	Lafayette FN	586

May 6

0700	WTNA	38 FL	St. Petersburg	1116
	WBHS	50 FL	Tampa	1116

May 7

0515	WHNO	20 LA	New Orleans	688
	WNOL	38 LA	New Orleans	694
	WPXL	49 LA	New Orleans	688
0630	WMAH	19 MS	Biloxi	770
0645	WLAE	32 LA	New Orleans	694

TSLD:LA(8),MS(1)

May 8

0415	KXTX	39 TX	Dallas	518
	KDTX	58 TX	Dallas	518
	KETK	56 TX	Jacksonville	532
	KFXK	51 TX	Longview	557
0430	KFAM-LP	65 LA	Crowley FN	572
	K46DG	46 LA	Lafayette UPN	587
	K46CR	46 LA	Baton Rouge BOX	645
	K49DE	49 LA	New Iberia TBN	596
	KLFT-LP	21 LA	Lafayette BOX	592

TSLD:LA(19),MS(1),TX(4)

May 10

	FTD	TX	Dallas	518
	FTD	LA	Slidell	705

May 11

0515	KAMC	28 TX	Lubbock	553
	TSLD:TX(2)			

May 12

FTD	TX	Dallas	518	
2200	WGNO	26 LA	New Orleans	694

May 13

2200	WGNO	26 LA	New Orleans	694
	TSLD:LA(4)			

May 14

0530	KACY-LP	24 TX	Houston	420
	SS progr.	continuous	calls bottom right.	
	FTD	LA	Slidell	705

May 15

0000	KLPA	25 LA	Alexandria	619
0445	KFWD	52 TX	Fort Worth	522
0500	KDFI	27 TX	Dallas	518
0800	WPMI	15 AL	Mobile	838
	TSLD:LA(13),MS(1),TX(4)			

May 16

0230	WDBD	40 MS	Jackson	754
0430	KLDL	55 TX	Lake Dallas	544
	KHSX	49 TX	Irving	518
2100	KMSS	33 LA	Shreveport	615
	W65CE	65 LA	Shreveport TBN	615
	TSLD:AL(1),LA(12),MS(2),TX(7)			
	FTD	AL	Mobile	838

May 17

0345	WAPT	16 MS	Jackson	754
	KASN	38 AR	Pine Bluff	772
	KYPX	42 AR	Little Rock	803
	KUVN-LP	31 TX	Fort Worth UNI	521
0400	KPXD	68 TX	Arlington	518
	KLRT	16 AR	Little Rock	782
	KTXA	21 TX	Fort Worth	518
0630	KMPX	29 TX	Decatur	537
	WXVT	15 MS	Greenville	794
	WIIQ	41 AL	Demopolis	877
0700	KARD	14 LA	West Monroe	659
	WPAN	53 FL	Fort Walton Beach	869
	WHBR	33 FL	Pensacola	838
	WEIQ	42 AL	Mobile	825
2215	WMPV	21 AL	Mobile	842
	TSLD:AL(4),AR(3),FL(2),LA(12),MS(3),TX(11)			

May 20

FTD	TX	Dallas	518
	TSLD:TX(1)		

May 21

FTD	LA	New Orleans	694
	TSLD:LA(7),TX(5)		

May 22

0300	K59DG	59 LA	New Orleans TBN	688
1000	KSHV	45 LA	Shreveport	616
	KLTS	24 LA	Shreveport	616
2200	WAFB	9 LA	Baton Rouge	638
	TSLD:AL(1),LA(22),TX(3)			
	FTD	AL	Mobile	838

Western TV DX

F. Garcia's report continues

May 23

WXXXV	25	MS	Gulfport	764	
0100	K66FI	66	LA	Opelousas TBN	599
0115	K52EV	52	LA	Leesville FOX	574
	K67GL	67	LA	Bunkie FOX	614
	K61GO	61	LA	Hicks FOX	581
0130	K51EC	51	LA	Lake Charles TBN	532
	K47DW	47	LA	Alexandria FOX	611
	K55HA	55	LA	New Iberia UPN	596
0615	KLSB	19	TX	Nacogdoches	517
	KFXL-LP	30	TX	Lufkin FOX	515
	KLNM-LP	42	TX	Lufkin A1	520
	TSLD:AL(1),LA(32)MS(4),TX(8)				
	FTD		AL	Mobile	838

May 24

TSLD:LA(22)MS(2),TX(1)					
FTD		MS	Biloxi		770

May 25

TSLD:LA(6),MS(1),TX(1)					
FTD		MS	Biloxi		770

May 26

0700	W36AC	36	MS	Mccomb TBN	710
	TSLD:AL(1),LA(11),MS(6),TX(2)				
	FTD		AL	Mobile	838

May 29

TSLD:TX(1)					
FTD		TX	Dallas		518

May 30

TSLD:TX(3)					
FTD		TX	Dallas		518

May 31

0300	K30EA	30	TX	Texarkana TBN	651
0615	KPXJ	21	LA	Minden	640
2030	KAUT	43	OK	Oklahoma City	706
	TSLD:LA(7),OK(1),TX(7)				

Most logged stations for each state.

Calls	City	ST	days	
WPMI	Mobile	AL	6	
KASN	Pine Bluff	AR	1	
KLRT	Little Rock	AR	1	
KYPX	Little Rock	AR	1	
WBHS	Tampa	FL	1	
WHBR	Pensacola	FL	1	
WPAN	Fort Walton Beach	FL	1	
WTTA	St. Petersburg	FL	1	
KADN	Lafayette	LA	14	
WMAH	Biloxi	MS	7	
KAUT	Oklahoma C.	OK	1	
KXTX	Dallas	TX	18	

This month was the worst month of May since 1994. I hope Summer bring good openings to North Kansas-Missouri.

73's Fernando

Pat Dyer, WASIYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

Equipment: 1987 Emerson 872 VCR as tuner into 1994 Keepsafe 9" b&w CCTV monitor; 1973 Archer V-100 antenna and 8-bay bow-tie UHF array at 20' with rotor

May 1999 (all Es) UTC

20	1929	WSJK	2	TN	Sneedville	
21	1704	WBAY-	2	WI	Green Bay	
21	1730	KXMA	2	ND	Dickinson	
21	1759	KGFE	2	ND	Grand Forks	
21	1859	KGAN	2	IA	Cedar Rapids	
21	2035	WTWO	2	IN	Terre Haute	
21	2049	WJBK-	2	MI	Detroit	
21	2240	KUSD-	2	SD	Vermillion	
21	2300	KNOP-	2	NE	North Platte	
24	0151	KGAN	2	IA	Cedar Rapids	
24	1539	KOTA-	3	SD	Rapid City	
24	1555	KTWO-	2	WY	Casper	
29	1559	KQTV	2	MO	St. Joseph	
29	1621	WTWO	2	IN	Terre Haute	
29	1629	WBMM-	2	IL	Chicago	
29	1644	WCIA	3	IL	Champaign	
29	1658	WWMT	3	MI	Kalamazoo	
29	1713	KTVI	2	MO	St. Louis	
30	1559	WAVE-	3	KY	Louisville (xmt in IN)	
30	1619	WSYX	6	OH	Columbus	
30	1659	KUSD-	2	SD	Vermillion	
30	1737	KIMT	3	IA	Mason City	
30	1758	WBAY-	2	WI	Green Bay	
30	1803	KDLO-	3	SD	Florence	
31	0141	KUSD-	2	SD	Vermillion	
31	0546	KIMT	3	IA	Mason City	
31	1721	WTWO	2	IN	Terre Haute	

June 10, 1999 (Es)

1859	WSJK-	2	TN	Sneedville	1012
1907	WCBD	2	SC	Charleston	1141
1911	WAVE-	3	KY	Louisville (IN)	976
1926	WDTN	2	OH	Dayton	1078
1930	WBTV	3	NC	Charlotte	1092
1959	KTVI	2	MO	St. Louis	783
2028	WISC-	3	WI	Madison	1065
2047	KGAN	2	IA	Cedar Rapids	962
2049	WBAY-	2	WI	Green Bay	1184
2057	KTVO	3	MO	Kirksville	839
2114	WSAZ-	3	WV	Huntington	1124
2142	WMAR-	2	MD	Baltimore	1421
2233	KDKA-	2	PA	Pittsburgh	1294

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455

309 833-1809 jkadet@macomb.com

Rx: ICOM R-7100 w/video adapter or Zenith 13" color TV circa 1982 Ants: UHF: 7' screened CM dish up 85' w/RDX Labs pre-amp, .500 hardline Es: vertically polarized CM-1110 up 12' pointed 10° above horizon, Winegard AP-3800 pre-amp, RG-11

Western TV DX Jeff Kadet's report continues

April 1999

01 tr 0206 Houston 14, 26, 39, 67 799

CDT

KTAB 32 TX

751

KLTJ 22 TX

805

KXLN 45 TX

807

2000 regular Northern ALs

450+

WIIQ 41 AL

580

May 1999

09 tr 1050 KWCV 33 KS

410

11 Es 1844 WCAX 3 VT

951

1900 WESH 2 FL

956

1918 WCIV 4 SC

799

1946 WJXT 4 FL

870

WJBF 6 GA

681

1958 WSAV 3 GA

780

2027 WDIQ 2 AL

660

18 Es 1030 X— 3 shopping

unID 2 CB TP w/no ID

1235 KIII 3 TX

968

1244 X— 4+ cartoon

1162

1319 XEFB 2 NL

KPRC 2 TX

CKCK 2 SK

XHPN 3 CI

1334 X— 6 cartoons // ch.4

KUAT 6 AZ

1400 unID 6z female preacher/motivational speaker

KMID 2 TX

KPHO 5 AZ

1276

unID 6- ABC

KOCT 6 NM

1428 KACV 2 TX

708

KVOA 4 AZ

1240

1500 KREG 3 CO

886

KWGN 2 CO

770

1818 WBRZ 2 LA

702

WWL 4 LA

729

1900 WLBT 3 MS

569

1tWDSU 6 LA

1054

WEDU 3 FL

956

WESH 2 FL

1162

XEFB 2 NL

19

X— 2

20

1400 WESH 2 FL

95

1430 WPBT 2 FL

1168

1500 Cuba 6 TP

1292

WEDU 3 FL

1054

1600 WFOR 4 FL

1167

21 1248 X— 2

1300 X— 2

both zero to each other; 1 w/info in vert. bar

1557 XHAGU 2 AG ID slide

Mexican State #13

1456

22 1400 XHQRO 2 QR local ads

1355

2000 CFAP 2 QC

1067

WABI 5 ME

1137

WLBZ 2 ME

1154

23 2000 WDIQ 2 AL

660

2100 WCTV 6 GA

763

2133 WESH 2 FL 956
WSAV 3 GA 780
WRBL 3 GA 650
WCBD 2 SC 799
WJXT 4 FL 870
24 1033 WTVH 5 NY 771

1108 CBCs all the way from ch.2-6 to ne

1130 CHRO 5 ON "RO" bottom r of screen 775

0926 CFAP 2 QC 1067

1400 CKBQ 2 SK 1073

29 1111 XEFE 2 TAMS 1026

X— 3 TV AZTECA XHDF TV 13" in vert. bar

1135 XEFB 2 NL 1162

KGBT 4 TX 1070

1230 KRGV 5 TX 878

KIII 3 TX 968

2100 KUTV 2 UT 1015

30 1020 KWGN 2 CO 760

X— 4

1130 X— 4- (I think; hard to tell due to crummy transmitter) TV AZTECA XHDF TV 13" in vert. bar

KRIS 6 TX 962

2Es 1137 KCBSt 2 CA 1580

z to KWGN but too much of it; big 6M 2Es signals from LA area

Es KMID 2 TX 866

1139 X— 5+ "XHGC-5" alternating with "TELEVISA MEXICO D.F." in vert. bar

1227 X— 2z

TV AZTECA XHDF TV 13" in vert. bar

1300 WEDU 3 FL 1054

1330 KACV 2 TX 708

1837 KTVQ 2 MT 966

Fernando is getting the ch. 3 XHDF-13 relay as a semi-local and is going to drive around to try to find it. I think we should get a fund together to help him track down more of my unIDs.

Back 10-15 years ago almost every Mexican would superimpose their call letters on the screen once or twice an hour for up to a minute each. They always used the same generated easy to read text. It has gradually petered out to the point where I do not see any stations doing it anymore. Local ads are about the only way to ID these network relays now.

73, Jeff

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688 Email: doglethorpe@yahoo.com

Tropo: No relogs under 400 miles; no LPTV relogs under 200 miles.

Es: Only the most productive day of each week. Plus new loggings.

May 1999 UTC

7 Es 1520 KNAZ 2 AZ Flagstaff 1045

8 tr 1250 KPXL 26 TX Uvalde; Pax 419

9 tr 1210 K23EP 23 AR El Dorado; KMCT-39 85

Western TV DX D. Oglethorpe's report cont'd

1323	K36AB	36OK Lawton; OETA	309
14tr	1250	Valley 17, 23	500-513
	2258	Valley 5, 7, 9, 17, 23	
15Es	1528	Pittsburg 2, 4	945
	1617	WJBK 2 MI Detroit	904
16tr	0110	Valley 7, 9, 17, 23, 44	
17tr	1010	WHOA 32AL Montgomery	436
18Es	1355	Miami 2, 4	939
	1610	KNAZ 2 AZ Flagstaff	1045
1635	WPVT	5 FL West Palm Beach	912
	WTVJ	6 FL Miami	939
	1720	WESH 2 FL Daytona Beach	789
	WUFT	5 FL Gainesville	703
1810	KCSG	4 UT Cedar City; Pax	1151
1818	Salt Lake City 2, 5		1160
1824	KNOP	2 NE North Platte	717
1850	KPRY	4 SD Pierre; KSFY-13	900
1900	WJBK	2 MI Detroit	904
1912	KXMA	2 ND Dickinson	1110
1950	CKPR	2 ON Thunder Bay; TBT 2/5	1130
1957	CHFD	4 ON Thunder Bay; TBT 4/6	1130
1959	KGAN	2 IA Cedar Rapids	672
2030	KGFE	2 ND Grand Forks; Prairie	1086
2100	WBMM	2 IL Chicago	737
2150	Cuba	2 Test Pattern	
2329	WDTN	2 OH Dayton	735
2335	WTTV	4 IN Bloomington	619
2340	WDIV	4 MI Detroit	904
2345	WTWO	2 IN Terre Haute	604
19Es	0030	WGRZ 2 NY Buffalo	1091
	0043	CIII4t 4 ON Owen Sound; Global	
24Es	1340	KNOP 2 NE North Platte	717
	1353	KIVV 5 SD Lead; KEVN-7	987
	KDUH	4 NE Scottsbluff	852
	1400	KTWO 2 WY Casper; K2	996
	1425	KTVQ 2 MT Billings	1215
	1450	KGWL 5 WY Lander; KGWC-14	1071
	1457	KGWN 5 WY Cheyenne	859
	1458	KCWC 4 WY Lander; WYPTV	1071
	1520	Salt Lake City 2, 4	1160
	1550	KCSG 4 UT Cedar City(Note # 1)	1151
	1615	KNAZ 2 AZ Flagstaff(Note # 2)	1045
25Es	0145	Guadalajara 2, 4, 5 (Note #3)	1003

NOTES

1-KCSG-4 runs some programs that are not carried by Pax. "Andy Griffith" and "Perry Mason" were seen here.

2-KNAZ-2 now relays news from KPNX-12 Phoenix (News 12), but continues to use own logo and IDs.

3-XHG-4 IDs now have "GDL" below the 4.

4-CKYB-4/CKY-7 MB IDs show a big "5" logo. That is CKY-7's cable channel. Slogan is "Real TV." Thanks to Doug Smith and Tom Bryant for help with this one.

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

May 1999			
4 tr	2209	XHAB	7 TA
5 tr	0537	XHFOX	17TA ID'ed CB's
		XHOR	14TA mixed SS and EE pgm
11 Es	1958	unid SS 4, 5	
16 Es	2102	unid 3 SS audio briefly	
18 Es	1837	WISCI 3 WI	
	1910	WFRVt 5 WI	
	1915	WTMJ 4 WI "TMJ 4"	885
23 Es	2015	unid CBS 4, CBC 5, PBS 3	
	2157	WTOM 4 MI "7 & 4"	1110
29 Es	1159	KLNE 3 NE ID	860
30 Es	0931	XHIT 4 CH supered ID	905
	1130	ABC 4, PBS 3	
	1159	KTVS 3 CO CBS, Newschannel 5	945
	1329	WTKRt 3 VA	
31 Es	1149	unid SS 3-5	

June 1999

1 Es	1930	KFYR 5 ND ID	1240
	1933	KOTAt 3 SD Home Improvement	
	2058	KSWK 3 KS PBS, 785- area code	760

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

May 1999			
28 Es	0246	KTVU 2 CA 190 °	
	0258	KCRA 3\$ CA 190 °	
29 Es	1659	CKCK 2 SK 90 °	

Frank Aden, N7SOK, 4096 Marcia Place, Boise, ID 83704

May 30, 1999

Es in pretty strong with muf up to ch. 4, KTVK ch. 3 AZ running sports promo at 5:17 MDT. Nothing yet on ch. 5, local KIVI is running reduced power so ch. 5 right now is clear of QRM. At 6pm got KLNE ch. 3 NE, as of 8:30 pm Es are already gone.

Dennis Park Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

There was no Es observed in May until the last day, May 31, when receiver was turned on at 1303 PDT. Channel 2 only, very jumbled, on indoor whip. Most predominant was a Mexican station; boxing match being promoted. Didn't quite catch an ID at 1430 ("XH_2"). All gone by 1500.

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 Phone: (314) 839-9751 (prepaid only!) E-mail: N0UIHEric@aol.com, WWide Web:<http://members.aol.com/n0uiheric/k-index.html>

Western TV DX *E Bueneman's report cont'd'*

Equipment: Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with Archerotor at 33 feet (10 m) above ground level, 540 feet (164 m) above sea level.

All times are CDT, new stations have calls underlined, all distances in miles/km

June 4, 1999 (trop)

2130	WTHI	10 IN Terre Haute (Grade B)	170/274
2130	WBAK	38 IN Terre Haute (w/news produced by WTHI-10!)	170/274
2135	WCIU	26 IL Chicago "The U" (Grade B)	270/435
2135	WFLD	32 IL Chicago "Fox Chicago" (Grade B)	270/435
2135	WCPX	38 IL Chicago (mixing w/WBAK)	270/435
2135	WSNS	44 IL Chicago "Telemundo 44" (Grade B)	270/435
2137	WPWR	50 IN Gary "UPN 50" (near-local signal)	250/402
2138	Champaign, IL	3 (Grade B), 15 (near-local signal), 39	150/240
2139	Urbana, IL	12 (Grade B), 27 (near-local signal)	155/249
2345	WBUI	23 IL Decatur "WB 23" (ex-WPXU)	110/177

June 5, 1999 (trop)

0130	Louisville, KY	32, 41	250/402
0145	WXIN	59 IN Indianapolis "Fox 59" (near-local signal)	240/386
0150	WWAZ	19 KY Madisonville	190/306
0200	WEVV	44 IN Evansville "CBS 44" (sign-off)	165/266

0205 WTVW 7 IN Evansville "Fox 7"

(Grade B signal)

165/266

June 6, 1999 (trop)

0137	KTEJ	19 AR Jonesboro (CBTP)	200/322
------	------	------------------------	---------

After the passage of a storm system on June 4, the FM and TV bands really opened up. A number of stations in Illinois and western Indiana showed up just after 9:00 p.m. on June 4, and the opening continued into June 5, with western Kentucky being added to the mix. The June 6 opening was mostly FM, but a weak KTEJ-19 managed to sneak through with a test pattern. It'll be interesting to see how the DTV signals come in at this location. As far as I know, there are four DTV CPs floating around this market (KSDK-DT 35, KETC-DT 39, KTVI-DT 43 and KMOV-DT 56). W57BS hasn't yet moved to Channel 50 as W50CH yet, and we also expect K21OD to be bumped by WPXS-DT.

73, Eric (N0UIH)

**MEET YOUR FELLOW
DX'ERS—
COME TO
NEW JERSEY
THIS MONTH!**

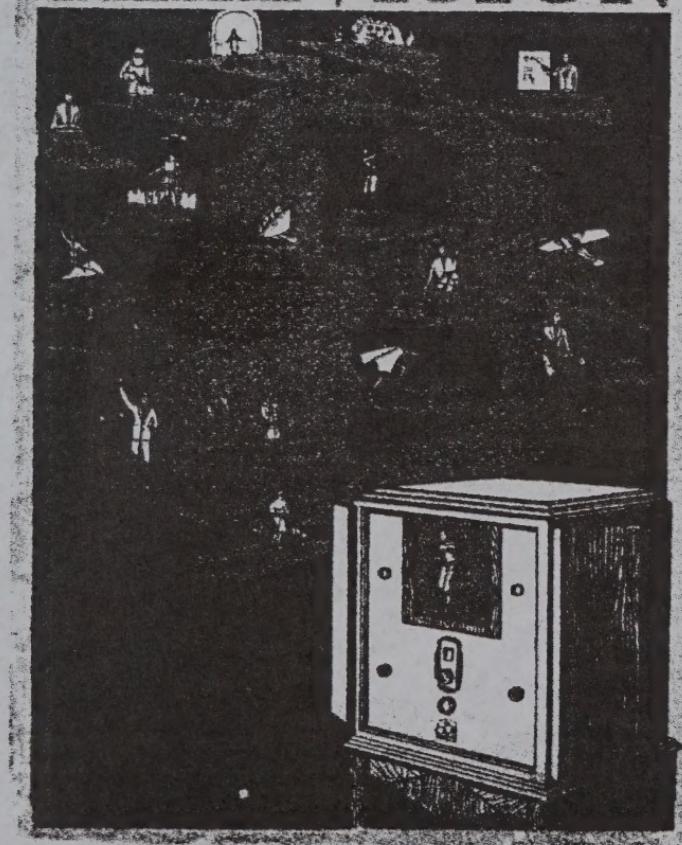




70 years ago!

If the object shown below wasn't such a rare item I doubt that I would have given it the full page treatment. The very idea that a publication called "The Romance and Reality of Television" existed in 1930 caught my attention at once. Even more impressive ...the cover was printed in color. W1XAV was the Baird scanning disk TV station in Boston. It operated on 2120 kHz video with 500 watts and apparently scanned at both 48 and 60 lines/15 and 20 pictures per second. Audio for this station was broadcast on WEEI-AM radio and the announcer was "Big Brother" Bob Emery...a Boston fixture through the 1950s. Thanks to Jeff Kadet for scanning the material.

The ROMANCE *and* REALITY of TELEVISION





WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



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